

28.8.85
I testimoni: «Erano 28 e facevano evoluzioni»

Ufo nel cielo di Ancona in pattuglia «acrobatica»

TRIESTE — (AGI) Ben 28 ufo sarebbero stati avvistati l'altra notte a Portonovo, in provincia di Ancona. La segnalazione è pervenuta al vicepresidente del centro ufologico nazionale, Antonio Chiumiento, di Pordenone, da una famiglia che si trova nella località adriatica in vacanza e da un altro villeggiante di Firenze.

Secondo il racconto di quelli che sarebbero stati testimoni di un avvenimento così straordinario (una simile quantità di oggetti non era stata mai segnalata) la comparsa nel cielo degli ufo sarebbe avvenuta tra la mezzanotte e l'una.

I 28 ufo avrebbero compiuto varie evoluzioni volando in formazione prima di sparire all'orizzonte. «Gli oggetti — dicono i testimoni — avevano colorazioni diverse (dall'oro al celeste) che mutavano di continuo».

Al professor Chiumiento

ieri mattina è arrivata da Paterno, in provincia di Ancona, la segnalazione di un altro avvistamento, fatto da due persone alle 20.35 di mercoledì.

Hanno raccontato di aver visto comparire in cielo «un oggetto formato da due sfere luminose di colore giallo attaccate l'una all'altra sotto le quali si trovava una sfera di dimensioni molto più piccole di colore rosso che lampeggiava». L'oggetto sarebbe rimasto immobile per una ventina di minuti, poi, salito a grande velocità in verticale, sarebbe sparito in pochi secondi.

Il professor Chiumiento, anche per fugare lo scetticismo che accompagna questi avvistamenti, ha avanzato la proposta di un coinvolgimento della protezione civile che, con i mezzi a propria disposizione, potrebbe acquisire una documentazione seria ed approfondita.

AMSTERDAM - La polizia

«A tutte le auto, fermate l'Ufo»

5-3-87
CIS
AMSTERDAM — Una decina di auto della polizia stradale e un elicottero hanno partecipato giovedì sera ad Amsterdam e dintorni ad una imponente caccia all'Ufo rivelatasi alla fine infruttuosa.

A segnalare nel cielo di Amsterdam la presenza di «oggetti volanti non identificati» erano stati i controllori del traffico aereo dell'aeroporto di Schiphol, principale scalo internazionale della città olandese che avevano osservato delle luci brillare intensamente al di sopra della zona del porto.

'The Science Behind the Circles'

If you thought the crop circle mystery was well and truly solved, then perhaps you should be prepared to think again, as scientific work carried out in the USA is about to shed a whole new light on what many have tended to regard as merely a joke.



Above:
Double Helix formation
at Alton Barnes, Wilts
(crop: Barley)
Picture Steve Alexander

Introduction by Karen Douglas

England still continues to be the epi-centre for crop circle activity, but the phenomenon is spreading continually, and is in fact, now world-wide. The crop circle mystery is definitely an evolving one, and although numbers in recent years have not continued to match the heady days of 1990, the patterns themselves have become truly astonishing.

This year has seen some of the most gargantuan and complex designs to date, giving real cause for debate amongst researchers and sceptics alike.

On the 17th of June a huge double helix formation appeared in the same location as the now famous 1990 pictogram. However, this time around the formation measured 650ft long, and was made up of some 89 circles. On the 7th of July a massive spiral crop circle appeared near Stonehenge, this formation measured a staggering 915ft and consisted of 151 circles. If anyone had failed to be impressed at this point, on the 29th of July an absolutely gigantic formation appeared at Windmill Hill

near Avebury, Wiltshire. This three armed spiral pattern measured over a thousand feet across and contained an amazing 194 circles.

Perhaps one of the most persuasive aspects of the whole mystery is the light phenomena associated with the crop circles. One of the best examples of this was filmed by circles researcher and photographer Steve Alexander, on July 26th 1990.

The footage, filmed in broad daylight and in a field between two existing crop formations, shows the specific type of light phenomena that seems almost particular to the circle mystery.

A small ball of white light is seen to fly over a wheat field, just above the heads of the plants, the object then arcs around and descends into the crop field. The light manoeuvres through the crop, without leaving a visible trail, and is then seen to take off and travel at great speed into the distance, flying over a tractor driver as it does so.

The tractor driver, during an interview, said he remembered the event vividly and described the object as being "as big as a beach ball" which was glinting and flashing the whole time.

One of the most striking features of the footage is the intensity of light this small object seems to produce and this, is in fact, a common characteristic of this particular phenomena. Another peculiarity about this light is that it is not seen to decrease in size as it travels away from the camera, but rather seems to stay the same size throughout the entire footage. Perhaps the most convincing aspect to this film is that it is backed-up with an independent eye witness to the whole event, namely, the tractor driver.

Similar pieces of footage have been taken since, and in a couple of examples, the lights have actually been filmed inside crop formations. In the case of the Alexander footage (which under-went enhancement at Tokyo University, Japan), it is quite obvious that it was not a mundane object, the researchers, at a loss to explain what the footage did show, stated that the object seemed to have no depth.

While most of us can only wonder about the nature of these happenings, solid and painstaking work has been going on into the science behind the circles. The BLT Research Team, organised by Nancy Talbott has been providing field researchers with vital information in recent years, supporting and publicising the work of biophysicist Dr Wm C. Levensgood (who has been analysing plant material from crop circles since 1989), and has been trying to give the crop circles the weight they needed, so that others in the scientific community will look again at what is, no doubt, one of the 20th century's greatest mysteries.

Nancy Talbott reports:-

Since late 1989, when biophysicist Wm C. Levensgood (from Grass Lake Michigan USA), was first asked to examine plants sampled from a British crop circle, some very unusual facts have begun to emerge. The first shipment of plants to the Pinelandia Biophysical Laboratory, was collected by Pat Delgado (one of the first British crop circle investigators), in the hope that some physical differences between crop circle plants and normal unaffected plants could be determined. This has produced some startling findings.

Among the first observations made by Dr Levensgood was the fact that, although the seed heads and glumes in the formation plants looked normal on the outside, inside they were devoid of seeds. The control plants, taken at varying distances outside the formation, were also normal in appearance, and did contain seeds, as expected; but there were no seeds whatsoever in the formation samples.

This total lack of seeds within the seed heads was discovered in conjunction with a condition known as 'Polyembryony', an uncommon genetic aberration which results in the formation of multiple embryos within a single glume. When this aberration occurs the endosperm does not form and, therefore, there are no seeds.

These unusual findings were subsequently duplicated in plant samples from other UK formations and, since Dr Levensgood has spent considerable time as a consultant to various seed growing companies in the US, the rarity of this finding stimulated his interest in examining the situation more thoroughly. After ruling out other causative factors for polyembryony, the fact remains that this condition can be produced by ionising radiation. And if the changes already observed in the crop formation plants were in fact related to exposure to ionising radiation from a high energy source, then one could expect to find other types of plant damage.

By 1991, after examining many plants from British formations, the scope of Dr Levensgood's research now encompassed the documentation of clear physical evidence of abnormal alterations in embryonic tissue in the effected samples. By now, he had also documented the finding of enlargement in cell wall pits, first in parenchyma and later in bract tissue, and had noted enlargement of the growth nodes in the stems of the crop formation plants.

It was obvious that something highly unusual was affecting the plants in crop formations. Scientists have long recognised that alterations in embryonic tissues (the reproductive capacity in all living things) often offer the very first physical evidence that some new, or unknown, situation exists. Anything which can affect the reproductive capability of living organisms needs to be clearly understood, and evaluated. To be continued.

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encourage worldwide environmental and ancient heritage protection.

The group offers members a number of benefits including; quarterly A5 printed magazine named 'Enigma Newsfile' with a twice yearly video recorded magazine. They also offer sky watches, video presentations, special conferences, direct information line, special club offers and regular meetings charged at £1 per person. Yearly membership costs £18 and covers all entitlement costs. The organisation has well over twenty branches based all over the country so there should be a local branch near you.

For further information contact the B.E.A.M.S headquarters at: 7 North Drive, Shortstown, Bedford, Bedfordshire, MK42 0TL or telephone Mr Kenneth John Parsons on: (01234)-403461. Alternatively contact the London branch headed by Richard Askew on (0181)-3433910 or write to: 16 Clare Road, off Thomas More Way, East Finchley, London, N2 0UY.

Encounter Convention

The New Trinity Centre in Bristol will be hosting the Encounter 'the paranormal experience'. The convention will have speakers like Colin Andrew, Jenny Randles, Nick Pope and Peter Hough. Moreover the convention will have trade stands, exhibitions, videos and magazine editors debate. The convention will start at noon on December 15th and finish at 9pm. Tickets will cost £15 and are available from Tickets At Our Price on: (0117)-929-9008 or write to: The Galleries, Bristol.

Cambridge UFO Group

There have been several UFO research organisations in the Cambridge area over a period of many years. In the 1960's and 1970's there were two organisations in Cambridge called the Cambridge UFO Society and the Cambridge University UFO Research Society. Both of these were members of the British UFO Research Association. The present group was formed in 1993 by the late Carol Kingsland Christy, who was Secretary in the early years of the group and more recently Honorary President.

CUFOG exists to promote interest in, and research of UFO and research of, UFO and related phenomena. To further these aims, CUFOG supports a small research and investigation team which are currently studying a number of UFO reports from different parts of Cambridgeshire.

The Cambridge UFO Group is an associate of the International Committee for UFO Research (ICUR) and works closely with the main UK national UFO organisation, the British UFO Research Association (BUFORA).

Apart from its research and investigation

activities, CUFOG holds meetings generally on the second Friday of each month in the Family Room at the Unicorn public house, Church Lane, Trumpington, Cambridge. Meetings start at 8pm and last till about 10.30pm. All those interested are welcome to attend with a small charge being made to cover costs.

The next meeting will be on December 13th and instead of a speaker for the evening there will be a Christmas social evening.

For further information write to CUFOG at: 122 New Road, Sawston, Cambridgeshire, CB2 4BW or telephone Chairman Steve Gamble on: (01223)-832902.

The East Kent UFO Research Unit

So far the East Kent UFO Research Unit have been carrying out investigative research on all aspects of the UFO phenomenon for several years.

The unit is structured so that there is an inner team of investigators and researchers with a wider membership who are kept up to date through a quarterly magazine entitled 'The UFO Chronicle'. The group occasionally hold meetings in Herne Bay where talks are given on a variety of UFO related subjects.

The group is not affiliated with any other groups or organisations as the East Kent UFO Unit feels that it can then take its own stance on the subject.

Membership for the group costs £10 per year and for further information contact: Mr Mervyn Newell, 17 The Grove, Greenhill, Herne Bay, Kent. Otherwise phone them on: (01227)-3364291.

International Conference

The 6th Annual International UFO congress will be taking place on January 18-24 next year at the Gold River Resort and Casino Laughlin Nevada. For further information send a stamped addressed envelope to: International UFO Congress, 9975 Wadsworth Parkway #K2 274, Westminster, CO 80020, USA. Alternatively phone/fax (303)-543-9443.

Alien abduction insurance

Joe Tagliarini, a London messenger has formed the company I Believe Promotions to offer insurance against alien abduction for £9.99 with a maximum payment of £40,000 if backed by the United Nations and a unnamed bookmaker. Everyone who applies for the insurance will receive a gold and black individually numbered and signed certificate. So far 100,000 of these insurance policies of this kind have been sold in America.

Joe also plans to release new policies for all those UFO buffs including one for people who

are convinced they have got to close to the truth and the Government is out to get them. As Joe says, "It will force them to put their money where their mouth is".

BUFORA Meetings

The British Unidentified Flying Object Research Association have two interesting lectures in the near future. The next meeting will occur on January 4th (Saturday) entitled 'Open windows, Closed minds' and will have Nick Pope speaking. Nick Pope is known for working for the MOD in the UFO office which received UFO reports from around the country. He worked in the department until 1994 and has recently launched his first book, Open Skies, Closed Minds which attacks the MOD for its attitude on describing UFO's as of no defence significance.

On February 1st (Saturday) Gloria Dixon who is the new Director of Investigations will be speaking on all the latest UFO sightings in the UK. Both of the meetings will be held at The University of Westminster, 35 Marylebone Road, London, NW1 5LS. This is opposite the Planetarium and near to Baker Street Station.

All meetings are open to non-members at £3.50 and members at £1.50. Meetings mostly last for an hour followed by a break of 25 minutes. The rest of the meeting is dedicated to questions and answers till 9.30pm when the meeting finishes.

In addition a selection of books, tapes, and magazines are available at the meeting.

For general enquiries write to: BM BUFORA, London, WC1N 3XX.

UFO Videos

Mailed Music and Video are now supplying a range of UFO videos including the Roswell Movie starring Martin Sheen for £10.99, UFO Phenomenon £12.99, UFO The Untold Story £12.99, UFO's The American Evidence £12.99 and Communion for £4.99 amongst others. The company supplies a large range of X-files stock as well. For further information and a free catalogue contact Mailed Music and Video on: (01291)-621700 or write to: 15-16 Thomas Street, Chepstow, Gwent, NP6 5DH. Please be aware that the final posting date is December 20th for Christmas.

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U P D A T E

First UFO wave in Israel

Israel is currently going through its first wave of UFO sightings with Tel Aviv being the focus of the sightings. Many of the reports feature multiple witness cases with well respected elders observing the UFOs. One sighting had hundreds of commuters stopping on a busy highway similar to what we have seen in the Mexico UFO waves.

Many UFO reports in Israel are making national television and newspapers with reports of close encounters and abductions featuring prominently.

Many people are now asking for the government to take action and investigate the phenomena. Pressure is now growing with many pieces of UFO video footage now being shown on national television and reports from policeman seeing a object doing acrobatics in the air before them. One police spokesman has said that policeman had seen a UFO with hundreds of people.

One man who claims to have been abducted by green aliens and taken into a egg shaped craft, after the encounter had a yellow dust on him. Scientists who have analysed the dust state that it is 55% aluminium and of a highly unusual composition with samples of the dust being sent to NASA for further analysis.

Second Fulkirk video surfaces

After all the excitement recently over the footage Barry McDonald took of a UFO over Fulkirk, now a second video of probably a different UFO has surface. A Mrs Ross also of Fulkirk claims she has took a UFO only a couple of weeks previously on September 27th. The video depicts a pulsating glowing object which then amazingly then changes into a semi-circle in shape. The fantastic footage lasts for a whole forty minutes which is one of the longest daylight pieces of footage. Mrs Ross is

certain that the object was not of the conventional nature like a plane, star or weather balloon.

Mr Ron Halliday of the Stirling University who is currently undertaking analysis of the Barry McDonald footage described the footage as some of the best he has ever seen and stated the length of the footage is highly unusual.

To back up the story of Mrs Ross her daughter who lives only a couple of miles away also saw the object and described it as, "absolutely amazing".

For two pieces of such incredible footage to be filmed in the same town within a couple of weeks of one another is highly unusual and underlines what a hotspot Scotland has become for UFOs.

Further evidence to life on Mars

Apart from a largely ignored five sided pyramid and humanoid face structures on the surface of Mars, official evidence of life on Mars is mounting. A press conference was held by British scientists in London on October 31st. The evidence indicates that there were methane belching bugs on Mars 600,000 years ago as compared to the microscopic bacteria found by NASA scientists which is 3,600,000,000 (3.6 Billion) years old.

The signs of life were found on the meteorite EETA 79001 which originated from Mars, although originally there were doubts about contamination.

The scientists also claim that life may still be abundant there today in certain areas of Mars, Dr Wright said that it is a staggering result with exciting implications.

UFO out paces all known aircraft

A UFO was sighted by Bob Walmsley in Glossop on a early morning in October, he was looking into the distance when he

sighted a glowing light travelling towards him. It then shot into the distance at a fantastic speed and then approached him three more times. Bob first thought the object was a plane on a flightpath to Manchester Airport until it came closer and is convinced the object was something out of the ordinary. When the object was stationary it resembled a ball of light with a orange/white glow. At one time a plane went near where the UFO was on its flightpath and then the UFO returned again according to Mr Walmsley. He also said, "there is nothing in our world capable of those speeds".

Mr Walmsley's sighting was met with derision from a spokesman from the MOD stating that they had no knowledge of this object in British airspace and many pilots misidentify Venus as a UFO. If Mr Walmsley is telling the truth are we to assume that unknown objects can penetrate our air defence with ease? If he is lying then there are many hundreds more reports of a similar nature backed up by Military pilots and radar confirmations. Equally more worrying is air force pilots (our best form of defence) cannot identify the most common object in the sky, Venus, if the MOD are to be believed.

Fields of Mystery

It has to be said that it is a rare sight to see a Crop circle book that takes you from the outset of the phenomena right up to the latest reports. The book *Fields of Mystery* is written by Andy Thomas, a well respected crop circle researcher who is the founder member of the Centre for Crop Circle Studies and the editor of the crop circle magazine SC. *Fields of Mystery* concentrates on the area of Sussex where Crop Circle reports are most prolific. The book is well written with an accent on matter of fact research instead of sensationalism and is a fascinating read to all!

Fields of Mystery is available from most bookstores, please note the ISBN number is: 1-

To Space

PART TWO

nists who found the stance of the male figure too dominant, and newspapers which found the nude figures offensive.

Drake and Sagan also put their weight and talent behind the second and, to date, last 'hardware' CETI project, the mounting on each of the the space probes Voyager 1 and 2 (launched 1977) of a copper long-playing record housed in an aluminium jacket bearing operating instructions. Any ET able to follow these would be able to see and hear a wide variety of earthly phenomena including (visually) a nursing mother, a snowflake, the Taj Mahal, the UN building and the Arecibo Observatory; and audially the first movement of Bach's Brandenburg Concerto No.2; Louis Armstrong's 'Melancholy Blues'; a train whistle; a kiss; a whale and a Mexican band playing 'El Cascabel'.

Sagan has related the full story of the Voyager LPs in his book *Murmurs of Earth*. His writing rings with optimistic faith in the possibilities and feasibility of CETI, and of the need to be fair and balanced in the composition of any message from Earth to ETs. Whilst it would be

Earth. Even if an ET could work out the mysteries of playing an LP record, is the message really representative? Does it come from the planet which witnessed genocide, the Somme, the Balkan atrocities, the increasing blowing of natural resources, and the spread of pollution — to name but a few choice items from this century? An ET able to double-check such a message (e.g., by processing the expanding bowl of unintended transmissions) might conclude that Terrans spoke with forked tongues.

There has long been a counterpoint to CETI enthusiasm, put by people who fear that any deliberate message outwards might draw attention to our existence and excite acquisitive or aggressive instincts in outer space. Sir Martin Ryle, Astronomer Royal at the time of the Arecibo Message, was greatly concerned with this danger. His fear that a message from Earth might (as Drake recounted it) expose "humanity as a whole to extraterrestrials of evil intent, who might now prey on us" was neither unrealistic nor irrational. Drake's rejoinder was that the mass of ordinary radio signals from Earth had by then spread thirty or so light-years out into space. Any damage they had already done could not be corrected; the Arecibo message was but a minor addition to this volume of signals.

Do we really want to advertise our presence on Earth?

Zdeněk Kopal, then professor of astronomy at Manchester University drew attention in the early 1970s to another factor which is easily ignored or played down by CETI buffs: "a meaningful — let alone a fruitful encounter between different civilisations is possible only if they do not differ too much in their maturity." This may reduce considerably the window of opportunity through which coherent CETI may flow. Kopal added a note of caution: "the risks entailed in an encounter with another civilisation would vastly exceed any possible interest — let alone benefit; and could easily prove fatal."

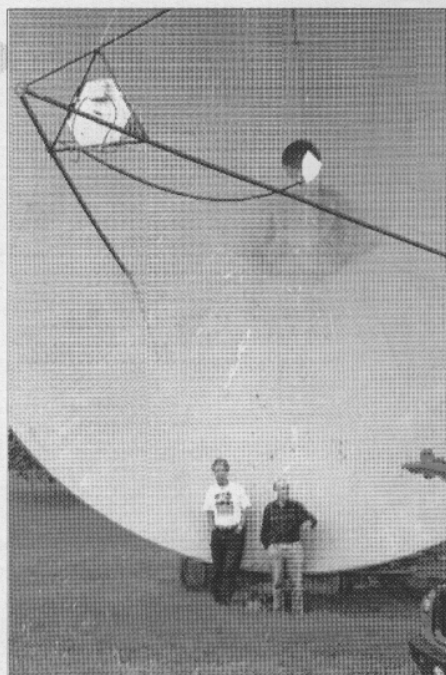
As matters stand, the major international astronomical bodies have drawn up draft plans as to how we might signal outwards should an incoming message be received, transferring responsibility to the UN, and advocating international consultations. As a consequence, the creative enthusiasm of people like Gauss, Cros

and Tesla has been replaced by the heavier, bureaucratic styles of our times; given the need for caution in this field, probably wisely so. The history of CETI on our planet, and its rather meagre, patchy record may also offer some insight into the 'Great Silence' — the absence of incoming signals from space. Listening in for ET signals is an expensive long-shot, but psychologically less frustrating and more likely to be productive than beaming signals in problematic languages and codes to the depths of space. At the present state of the art we have but slight knowledge of what targets might or might not be promising and we have to wait aeons, literally, for responses. Given limited resources under mounting pressure it is not surprising that so few signals have actually been transmitted. Perhaps it is the same elsewhere, hence the silence.

"You first". "No, after you!"

It may also be that the use of radio or radar is of limited duration in the development of a civilisation. In the same way that Gauss' heliotrope, or floating arc-lights appear quaintly antique to us today, so may radio transmission be perceived in the future. If so, the problem of communicating with ETI which is broadly 'in phase' with our civilisation is all the more acute. The question remains whether the future will bring the dreams and hopes of Gauss and his followers to fruition, or will witness instead the sad spectacle of intelligences always listening, but never transmitting and thus condemning each other to a long silence: put bluntly if we do not put something in, we may get nothing out. And, if the past is any guide, that is but the beginning of the problem.

Many thanks are due to the SETI League for permission to reproduce their photographs for this article. Both photos feature the Swiss 10m dish used to listen for signals from space. The second photo shows Christian Monstein, HB9SCT (l) and Pierre Aubrey, HB9XM (r) posing in front of the Swiss 10m radio telescope dish. Photo courtesy of Alfred Wasser, SETI League volunteer coordinator for Switzerland.



hard to fault such fair-mindedness, the age-old snags of CETI are still there, with a few more added. The Voyager communication, for all its attempts at neutrality clearly emanates from a liberal source, even though there are other strongly-held perspectives and ideologies on

U.F.O.

UPDATE

James Hockney looks at the latest 'UFO' news from around the World

Falkirk UFO Video

An exciting piece of video footage featuring a UFO became public in late October. An object was filmed for about 30 minutes over Falkirk. The footage shows a circle shaped object which changes colour from white to orange and then back to white. The object even changes size and shape, then finally tilts and shoots off into the distance at great speed.

Ron Halliday of the Stirling University who will analyse the footage commented that he has ruled out conventional explanations such as Planes, Helicopters, Weather Balloons, Meteors and lens flare/malfunction.

In the footage buildings in the vicinity can be seen which means the size of the object can be confirmed, expect a detailed feature in the near future....

Revolutionary Telescope gives SETI boost

A new ultra-powerful telescope, capable of detecting Earth-sized planets in another solar system, has reached the design stage. The project codenamed 'Darwin' would be launched to the centre of our Solar System and would be based there permanently.

At the present time both NASA and the ESA (European Space Agency) are considering the project. Dan Goldin of NASA has gone so far to say that this telescope would detect oceans on another Earth-like planet.

Darwin would operate by utilising several telescopes a certain distance apart from each other which would combine to produce an image of near-perfect clarity. The most exciting part of the Darwin project is that it would use present day technology and could be operational in 2013. The telescopes would have the combined power equivalent to a single 100 metre telescope. The Hubble Space Telescope is 10m in diameter.

Project manager Dr Alan Leger said Darwin would concentrate on 300 stars like our own sun within a distance of 40 light years. The problem that has caused concern for many

years is that stars are so bright they 'drown' out the planets within close orbit, Darwin would remove this obstacle by observing the infrared wavelength.

Dr Alan Leger has said we could very quickly discover if these planets had life. Firstly if the planet has an ozone layer then it will have oxygen. Oxygen tends to be removed from the atmosphere unless it is replaced, for example by photosynthesis (plants). This would automatically mean the planet could support life, perhaps intelligent life.

While NASA puts dampener on SETI

NASA has allegedly refused to include a test on the Mars probe that would conclusively prove life on Mars — as it would cost \$25,000. NASA claims that it is too late in the Mars program to make changes now. The slightly improved version of the TEGA (Thermal and Evolved Gas Analyser) would be changed by using two nutrients to test for life. Non-living reactions would be the same in both nutrients, whereas living organisms would only react in one of the nutrients. NASA's unwillingness to make the additional payment of \$25,000 seems all the more ridiculous when the Mars Observer which they lost contact with cost \$1 billion (\$1000 million!).

NASA also claims that it would be very difficult to decontaminate the probe, yet when it was built they had to decontaminate it. Why can they not decontaminate it again in a static environment?

NASA puts dampener on SETI 2

NASA is still refusing to use the Hubble Space Telescope to photograph the area of Cydonia. It is claimed by NASA that Mars is too bright to be photographed by Hubble. Richard Hoagland of the Mars Mission has met with NASA's derision stating the Mars is in no way too bright to be photographed, especially when Hubble photographed the collision

of Shoemaker Levy 9 and Jupiter.

Now NASA is refusing again to photograph the area of Cydonia with the many probes it is sending to Mars. With the many anomalies in Cydonia such as the Face On Mars and the five sided Pyramid — which defy all known geological processes such as erosion and weathering effects — is it not strange that they refuse to photograph this area? All hope is not lost as NASA has stated that if the probes happen to orbit that area then they will photograph the area. The Viking probe which photographed the area in 1976 was of low resolution, the Mars Surveyor is capable of photographing objects down to the size of a family car. The Face On Mars is estimated to be the size of several football pitches and the matter could quite easily be resolved once and for all.

Exclusive: Ufo Terrorises Four People

On August 18th (Saturday) in the small village of East Farleigh near Maidstone, Sylvia, her son Alpha, her daughter Sandra and a friend went out for an evening walk at 8.30pm while the evening was still light.

Sylvia was the first one to realise something was amiss when she heard a weird noise similar to that of a pneumatic drill. High up in the sky in front of them they noticed an object which was as large as the moon and quite distant. It was described as being fish-like in shape with a greyish colour, then suddenly the object gave a red glow and separated into two with the red glow appearing between the separation.

Then at fantastic speed the object shot directly at them. They all then ran in fear as the object reached tree level and was travelling horizontally.

After running a short distance they jumped over a fence to a field where the object passed them and went into the distance.

They stood in the field for several minutes until the nightmare began again when the object returned. It flew towards them and then hovered before them, glowing. The wings appeared to be covered with millions of miniature lights. After a minute the object then disappeared behind some trees in the field and was not sighted again.

The case is all the more interesting as each of the four witnesses felt tired, drained with a soreness of the eyes. Physical effects on witnesses after a UFO sighting are rare and the family seem to be fine now.

B.E.A.M.S (British Earth & Aerial Mysteries Society)

B.E.A.M.S is one of the largest UFO research organisations with over 2000 members in the UK. The organisations aim is to actively study and discuss UFO/Paranormal findings. Also to promote the ending of all secrecy connected with these fields and

SCOPERTO ESOPIANETA ROCCIOSO A 15 ANNI LUCE DA NOI

WASHINGTON - Un pianeta roccioso, appartenente a un sistema solare distante "appena" 15 anni luce da noi, è stato scoperto dagli astronomi dell'Università di California a Berkeley: è il pianeta strutturalmente più simile alla Terra, fra i tutti 155 pianeti fino a ora trovati negli spazi esterni al nostro sistema solare. Non si tratta dunque di un pianeta gassoso gigante come, per esempio, Giove e come quasi tutti gli altri pianeti extrasolari fino a ora trovati, ma è sicuramente molto più caldo della Terra, e ha una massa pari a sette volte e mezzo quella del nostro pianeta: il che ne fa comunque il più piccolo degli esopianeti fino ad ora scoperti.

"Ci sono volute 150 osservazioni della sua stella per avere la prova dell'esistenza di questo pianeta simile alla Terra", ha spigato Geoffrey Marcy, un cacciatore di pianeti dell'Università di California; "E d'ora in poi questa sarà sicuramente una delle nostre stelle preferite". Il pianeta orbita attorno a poco più di tre milioni di chilometri (il raggio dell'orbita della Terra attorno al nostro Sole è di 150 milioni di chilometri) dalla stella Gliese 876, che si trova nella costellazione dell'Acquario; per cui la temperatura sulla sua superficie oscilla fra i 200 ed i 400 gradi centigradi.

L'orbita completa viene percorsa in un paio dei nostri giorni. Come gli altri pianeti extra-solari scoperti negli ultimi dieci anni, anche questo deve il suo rilevamento a prove indirette, come l'oscillazione misurata con precisione nella luminosità della stella Gliese 876. Questo astro ha già altri due pianeti scoperti in questo modo, ma si tratta di pianeti gassosi e con un'orbita molto allargata.

Quest'ultimo pianeta ha invece una massa molto più piccola, per cui la sua struttura rocciosa è l'unica plausibile, anche in considerazione dell'estrema vicinanza alla stella centrale del suo sistema solare. Fuori del nostro sistema solare era stata già rilevata la presenza di altri tre pianeti rocciosi, ma tutti orbitanti attorno a una pulsar, ossia al cadavere di una stella esplosa.

'Squaring the Circles'

ROBIN WHITLOCK

The Circle-Maker Interrupted?

Robin Whitlock is a researcher and writer from Yeovil in Somerset. In this month's 'Squaring The Circles' he relates how a crop circle was formed under bizarre circumstances.

A Dome-Shaped Cloud

Dorset is not generally a county known for paranormal phenomena, although there are plenty of hill-forts, ancient trackways and other archaic paraphernalia which can at times adopt a rather sinister appearance – especially when the mists start to roll in from the sea. Crop circles tend to appear mostly in Wiltshire or Hampshire and occasionally in Devon. But at around 12.30 on a clear night when the year hadn't long been born anew, the circle-maker seems to have been interrupted – a rare event indeed.

Jack Spooncer, a retired lecturer, lives with his wife on a farm around Beaminster in Dorset, an area of the county known for its pleasing hilly landscape. The only sign of weirdness around here seems to be an ongoing problem with a certain 'Beast of Broadwindsor', which has been seen prowling around numerous locations in the area and is thought to be, in common with other such beasts, an escaped big cat, possibly a cougar. On the night in question, however, Jack seems to have stopped the notorious circle-maker – scourge of many a farmer nationwide – in his tracks. Turning into the driveway on a clear night, Jack saw something that was most odd, and which caused him to run back down to the field bordering his farm where his car headlights had picked out the strange phenomenon: a dome shaped cloud of ... well, something, suspended over the corn.

Jack is not a man possessed of a wild imagination and he generally has a healthy scepticism concerning the weird and the wonderful. He certainly does not believe in 'flying saucers' or 'little green men'. In an interview conducted over the telephone he described the sighting as being distinctly 'dome shaped', about 40-50' across at its base, and translucent or transparent, 'rather like droplets of ice or localised rain'. It wasn't glowing or illuminated in any way and there was no noise; it was a still, dry, night, devoid of cloud or any rain or moisture or even of a gently blowing breeze.

Natural Phenomenon?

Jack believes the phenomenon to have been of natural origin – possibly some unexplained form of Earth energy – and his impression seemed to have been reinforced when around 9.30 the next morning, at the exact same spot, Jack discovered a nearly half-formed crop circle, almost as if he had disrupted the circle-maker in the middle of its construction. The circle was set on a gradient and had an outer edge of around 4' in width with a smaller circle within. In common with many other farmers up and down the country, the farmer was not at all happy. Ironically, shortly after his sighting of the mysterious object, Jack instinctively knew

there was going to be a circle in the crop the next morning. 'I even mentioned this to my wife,' he told me over the phone.

Was it indeed a natural phenomenon? Or, contrary to Jack's scepticism, was it visitors from outer space? I personally do not subscribe to the flying saucer theory, and neither does my colleague David Elkington who first heard of Jack's rather bizarre experience. The idea that crop circles may generally be connected to a new or previously undiscovered form of Earth energy seems to be vindicated by the mysterious manner of their appearance. In 1981, in a field north of Litchfield, close to an ancient burial sight and also to the A34, two circles appeared mysteriously and were seen by thousands of passing travellers. Even more mysterious is the fact that two more circles appeared the following year within a very short distance of the first two circles. Another bizarre sighting was the pictogram that appeared near Stonehenge in the summer of 1996, which appeared right next to the busy A303, in broad daylight, within five minutes' or so of the passage of a nearby light aircraft – yet nobody nearby saw anything untoward or out of the ordinary.

Mr Jack Spooncer's farm, close to where the crop circle formed.



Earth Energy

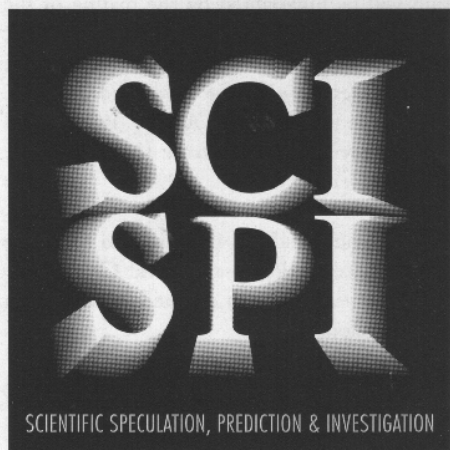
One view, held by Dr Serena Roney-Dougall, parapsychologist and author of *Where Science and Magic Meet*, suggests a link with circle dancing, an age-old form of ritual dancing that began to increase in popularity around 1981 when the circles first started to appear. This relies upon a link between Earth energy and human consciousness, widely considered to be prominent around 'ley lines' – areas of widespread geological tension such as fault lines and underground water courses. The latter may have some bearing on the Beaminster sighting since there are many streams and rivers in the area and also many fast flowing springs and presumably therefore a great deal of underground water.

If crop circles do have a connection with circle dancing or a return to a wider affinity with nature, why have they started to appear now, and why in such awe-inspiring patterns? Are they a welcome sign of a renewed harmonious relationship with our home planet Mother Earth? Or are they perhaps, more ominously, a warning that there is still a lot more to do yet, and that we are slowly running out of time?

Next month in *Squaring the Circles* Lucy Pringle, Quest's latest lady contributor will be reporting on the crop circles formed at Barbury Castle in May of this year. Lucy will be providing us with some stunning aerial photographs that she took herself.

Cash-Landrum VS. US Government

James Hockney reports on an incident in America that became known as the Cash-Landrum Incident.



On the night of 29th December, one of the most famous unexplained incidents in recent history was to occur which later be known as the Cash-Landrum case.

At around 0900h restaurant owner Betty Cash, Vickie Landrum and Vickie's grandson were travelling along a lonely road in Texas travelling to Dayton to check out some rival restaurants. The grandson noticed a strange object in the sky slowly drifting over the trees and towards the car and then coming to a stop over the road. Betty who was driving stopped the car as the object continued to hover 65 metres away. Betty stepped out of the car for a closer inspection of the object, it was clear now that it was of a diamond shape with flames being emitted from under the craft. Colby was now particularly frightened and his grandmother (Vickie Landrum) stayed in the car with him as the object started to make a beeping noise and Betty could feel intense heat coming from the craft.

The craft continued to hover for several minutes and then started to slowly glide along the road, Betty now got back into the car although she could not touch the door handle with her bare hand. The two women slowly followed the craft down the road but kept a safe distance. Then suddenly they noticed about twenty three twin-rotor heli-

copters - later found to be CH-47 Chinooks - which surrounded the craft but never came closer than three quarters of a mile. They continued to follow the object and helicopters which were moving so slowly that the women stopped the car a further three times but the craft began to go out of view and they went home, arriving at 0900h and told friends and family of the strange sighting.

This should have been the end of the matter but after a few hours all three had developed sunburn-like blisters, headaches, nausea and diarrhoea. Betty had the worst symptoms, probably due to the fact that she was out of the car longest period of time. Betty also developed pains in her neck. All three were treated by doctors who noticed bizarre nodules on their head which burst, seeping a clear fluid. Betty experienced a severe case of vomiting, her eyes were swollen shut and four days later she was admitted to Parkway General Hospital in Houston under the classification of a burn victim. Many specialists were called in but none were able to diagnose her complaints. After nearly two months in hospital Betty discharged herself after running up a medical bill of \$10,000. Betty's condition did not improve and she had to return to hospital. Both Betty and Vickie started to lose hair and experience a loss of appetite. They later developed breast cancer and had to have mastectomies.

In the case of Vickie Landrum her injuries were less severe than Betty's. This was probably due to the fact that she was in the car most of the time. Vickie suffered from inflammation of the eyes and strange indentations on her fingers. Her loss of hair was less serious than Betty's who developed a bald patch. Least affected was Mrs Landrum's grandson Colby, who was all the time in the car suffered from the sunburn-like blisters and swelling of the eyes.

The UFO Group MUFON investigated the case quite thoroughly and raised interest

in the matter by releasing photographs of the women showing their injuries.

The two women desperately wanted to know what they saw. The government officially did not recognise that this object was a UFO so naturally the government was saying that it was a man-made object and in their air space. Since the object was accompanied by twenty-three helicopters someone in authority had to be aware of the incident. Especially as the twenty-three helicopters would have been prominent on radar.

Both Mrs Cash and Mrs Landrum were so convinced that the craft was American - or at least its helicopters most certainly were - that they set out to sue the American government for \$20,000,000 in damages pertaining to the injuries of themselves and Mrs Landrum's grandson.

UFO MAGAZINE SUPPLEMENT

So what are we supposed to make of the sighted craft and the helicopters? The helicopters were most certainly terrestrial in origin and given that helicopters only have a short range they must have been from a base in Texas and most definitely the property of some American agency. Of course you could suggest that the helicopter part of the incident was made up, but the fact is many people in the area reported that they had seen a tremendous light in the sky with many double-rotor helicopters. However, all of the local airbases denied that they had any aircraft in that vicinity at that time.

You have to wonder what the object was, was it an advanced prototype that the American government were covertly working on? In other cases the military have produced aircraft (ie the F-117A Stealth Bomber and U2, SR71 Blackbird) while denying they existed. Whilst they eventually admitted that those craft do exist, the government has for some reason yet to admit to the existence of this object.

ESS STOP PRESS STOP PRESS STOP PR Late-Breaking News for October

TWO 1996 MARS SPACECRAFT ARRIVE AT LAUNCH SITE

The Mars Global Surveyor and the Mars Pathfinder, a pair of NASA spacecraft scheduled to be launched toward the red planet on McDonnell Douglas Delta II rockets late this year, have arrived at the Kennedy Space Center (KSC), FL, to begin their preparations for launch.

The Mars Global Surveyor will be placed into orbit around the planet. It carries a set of six science instruments designed to study the planet's surface, atmosphere, and gravitational and magnetic fields. The Mars Pathfinder will be deployed through the Martian atmosphere to land on the planet's surface, where it will deploy a small instrumented rover to investigate the terrain surrounding the spacecraft. Together, the Mars Pathfinder and rover will investigate the geology and elemental composition of the Martian rocks and soil, as well as the Martian atmosphere and surface weather.

"The arrival of the two Mars spacecraft at the launch site is a wonderful milestone of which the whole Mars missions team can be very proud," said Dr. Jurgen Rahe, director of Solar System Exploration at NASA Headquarters, Washington, DC.

"It reminds us just how close we are to returning important new scientific knowledge about the red planet back to Earth."

During the time Mars Global Surveyor will be at the PHSF, it will undergo final instrument functional tests and electrical system testing, its batteries and thermal insulation will be installed, the spacecraft will be fueled with its control propellants, and it will be mated to its solid propellant upper stage, which is the Delta third stage booster.

Mars Global Surveyor is scheduled to be transported from the PHSF to Launch Complex 17 on Oct. 23 to be hoisted atop a Delta. After integrated testing is complete, a nine-and-a-half foot diameter nose fairing will be placed around the spacecraft.

Launch of Mars Global Surveyor is scheduled for Nov. 6 at 12:11 p.m. EST at the beginning of a 20-day launch period which ends on Nov. 25. The spacecraft will arrive at the planet in September 1997 to begin a mission which is planned to last at least one Martian year, or 687 Earth days.

CREW NAMED TO FIRST SPACE STATION ASSEMBLY FLIGHT

Astronaut Robert D. Cabana (Col., USMC) will command the first Space Shuttle mission to carry hardware to space for the assembly of the International Space Station in late 1997.

Joining Cabana on the flight deck for mission STS-88 aboard Endeavour will be pilot Frederick "Rick" Sturckow (Major, SMC), a member of the 1995 astronaut class who will be making his first space flight. Rounding out the crew are veteran mission specialists Nancy Currie (Major, USA), Jerry Ross (Col., USAF), and Jim Newman, Ph.D.

The seven-day mission will be highlighted by the mating of the U.S.-built Node 1 station element to the Functional Energy Block (FGB) which will already be in orbit, and two spacewalks to connect power and data transmission cables between the Node and the FGB. The FGB, built by Boeing and the Russian Space Agency, is scheduled for launch on a Russian Proton rocket from the Baikonur Cosmodrome in Kazakhstan in November 1997.

"We're pleased to have Bob command this first flight to begin the assembly of the International Space Station," said David C. Leestma, director of Flight Crew Operations. "This is a talented crew facing a very challenging and exciting mission."

Node 1 will be the first Space Station hardware delivered by the Space Shuttle. It has two Pressurized Mating Adapters (PMA), one attached to either end. One PMA is permanently mated to FGB and the other used for orbiter dockings and crew access to the station. Node 1 also will contain an International Standard Payload Rack used to support on-orbit activities once activated after the fifth Shuttle/Station assembly flight.

"I couldn't be more pleased by the selection of this exceptional crew for this mission. This flight is of critical importance to the assembly of the International Space Station. I have every confidence in Colonel Bob Cabana and the STS-88 crew and their successful execution of this historic endeavor," said Randy Brinkley, Space Station Program Manager.

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DISCOVERY

We're looking for news of old, disused telescopes and observatories. Do you know of one near you? Or maybe abroad? If so, call us at AA&ES and let us know. We'll look into it, and may campaign for funds to restore it to use as a public amenity.

STOP PRESS STOP PRESS

STOP PRESS is a new feature, designed to bring you late-breaking news up to three days before we go to press. If you have late news e-mail:

Newsdesk.AAES@dial.pipex.com

MARS ROCK

SNC Meteorites

Earth & Space
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A large, vibrant, and abstract collage-style illustration. It features a dense crowd of people in various poses and outfits, rendered in a painterly, textured style. The colors are rich and varied, including purples, pinks, blues, and greens. The figures are overlapping and layered, creating a sense of depth and movement. The overall composition is dynamic and visually busy, with a focus on human forms and patterns.

Il disastro Caput mundi sgomenta

Il disastro Caput mundi sgomenta

Roberto Scafuri

Roma Ma che razza di mondo è un mondo che non sa più proteggere i propri figli? Che razza di città, una città nella quale un bimbo di quattro anni vola giù nel baratro d'un ascensore del metrò? Meccanismo forse in carenza di manutenzione, chissà, si vedrà poi, non è questo il punto, che si guasta all'improvviso. E il bimbo, somma sventura, indicibile ingiustizia, che sfla via dalle mani del soccorritore. Errore della macchina ed errore umano fusi in un indistricabile groviglio di fato e responsabilità. Dal sapore tremendo.

gi precipita anch'essa nel baratro di una desolazione senza fondo, come il dolore per quel bimbo.

Cos'è diventata, oggi, Roma? Ce lo chiediamo ogni mattina, con le nostre pene minute, che svaniscono di fronte alla tragedia. Drama che merita sospensione e rispetto, non la ridicola e finta premura di un politicante che si affretta su *facebook* a postare il suo messaggio grottesco e tragico, tragico perché grottesco: «Un bimbo ha perso la vita cadendo nella tromba dell'ascensore alla Metro Furio Camillo. Sto andando sul posto per accertarmi dell'accaduto». Ma che razza di accertamenti vuole...

ta in mente che un post sul *social*, cui magari un pirla può persino rispondere con un «mi piace», possa aiutare a rive-

Proprio ieri - ieri che la relazione di Gabrielli consegnava al ministro Alfano l'indicibile fardello di una situazione ormai fuori controllo, con una città in coma, «devastata» dalla corruzione della cattiva amministrazione, nella quale le responsabilità politiche pesano, eppure non possono allo stato costituire coerente e sufficiente giustificazione al commissariamento del Comune, una di dipartimenti e municipi (contor-

Dopo la relazione del Prefetto si dimette il segretario generale Liborio Iudicello

L'inchiesta Mafia Capitale ha messo in luce una collusione diffusa tra politica e criminalità e ha dato un duro colpo all'amministrazione capitolina

La città è sommersa dai rifiuti. E come se non bastasse i cassonetti sono sotto il controllo di bande di nomadi che li depredano continuamente

Finisce in Procura la protesta in «bianco» dei macchinisti che da giorni stanno mandando in tilt romani e turisti con ritardi e disagi su metro e ferrovie.

La notte di Capodanno i vigili hanno inventato una malattia di massa e sono scomparsi dalle strade rimanendo comodamente a casa.

S'è beato dello scampato pericolo fino al punto d'attaccare i «soloni» dell'informazione che lo criticano. «Siamo impermeabili alla criminalità organizzata», ha sbruffoneggiato, quando nella relazione si chiarisce che all'inizio della giunta «hanno costituito segnali di discontinuità» rispetto a *Manifesa Capitale*, trattandosi però di «scelte non dettate da una precisa e consapevole volontà di contrastare l'illegittimità e il malaffare». Ma la relazione una prima vittima eccellente l'ha fatta: in serata arriva la notizia delle dimissioni del segretario generale del Campidoglio (già con Alemanno) Liborio Iudicello, che non avrebbe vigilato come doveva.

Tornando a Marino, ha combattuto i delinquenti a sua insaputa, in sostanza. Meno di nulla, nella storia della città. Meno di nulla, nelle tragedie che toccano gli uomini.

August 10/2/15

La setta dei Raeliani continua a fare annunci ma il mistero della bambina si infittisce.

“Oggi il prelievo del dna di Eva pronti altri duemila volontari”

VANNA VANNUCCINI

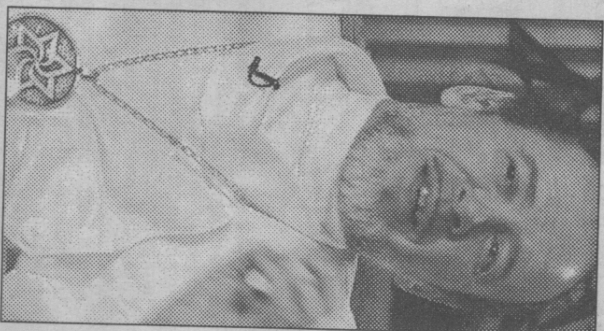
NEW YORK — Clonata o no, la neonata Eva arriverà a casa oggi ma il mistero s'infittisce: perché infatti «a casa» non significa più negli Stati Uniti, come aveva detto originariamente la portavoce di Clonaid, la società che asserisce di aver clonato Eva, «i genitori di Eva sono americani, ma non intendo fare precisazioni su dove si trovi la loro casa» ha detto alla Cnn Brigitte Boisselier, presidente di Clonaid. Esperti avevano espresso dubbi che la neonata, se davvero era nata come aveva detto precedentemente la dottoressa «in un paese fuori degli Stati Uniti», potesse volare a tre giorni dalla nascita. «Vengono raccomandate due settimane prima di volare per un neonato nato da parto normale e quattro per uno nato da parto cesareo».

Boisselier ha ribattuto di non aver mai detto che la bambina tornasse tra tre giorni negli

Stati Uniti. E che festeggia insieme alla sua anche la nascita di Gesù, nato dallo stesso padre. Un centro Clonaid nella città di Daegu in Corea, denominato Biofusion Tech. Inc., è stato perquisito ieri dalla polizia sudcoreana. «Sono entrati nel mio ufficio e nella mia abitazione dalla finestra e hanno sequestrato tutto il mate-

riale» ha detto una portavoce del centro. E non si attendono le reazioni. Il ministro della ricerca scientifica tedesco, il socialdemocratico Edelgard Buhmann, ha detto oggi che occorre un divieto di clonazione su scala mondiale, accompagnando però dal permesso per la ricerca a scopi terapeutici. Provvedimenti per arrivare a un divie-

to universale vincolante per la clonazione umana riproduttiva sono stati invocati anche dal direttore generale dell'Unesco Koichiro Matsuura, mentre il Consiglio d'Europa ha rivolto un appello a tutti i paesi membri perché ratifichino il protocollo che vieta la clonazione umana, approvato un anno e mezzo fa ma finora ratificato solo da 12 paesi su 44.



Il primo bebè clonato doveva arrivare negli Stati Uniti ieri, ma nessuno lo ha visto

Molte le richieste di un divieto su scala mondiale. Appello del Consiglio d'Europa

I PROCLAMI DI RAEI

Continua a lanciare i suoi proclami Claude Vorilhon (sopra) fondatore della setta dei Raeliani. A sinistra, Brigitte Boisselier, presidente di Clonaid

L'INTERVISTA

Stati Uniti. «Ho detto a casa, basta». Quindi all'estero, ha chiesto l'intervistatrice. «Et voilà» ha risposto la dottoressa francese, che si è difesa come sempre dall'accusa di bleffare. «Non posso portare qui davanti alla televisione bambina e genitori finché loro riterranno che pubblicizzare la vicinanza mette in pericolo la tranquillità della loro vita. Non posso rendere noti anticipatamente nomi degli esperti perché sarebbe facile per la stampa arrivare da loro ai genitori. E sarebbe inutile che portassi io qui le prove della clonazione perché non mi credereste. Domani (cioè oggi martedì) saranno previsti i campioni di dna che serviranno a stabilire l'impronta genetica di madre e figlia. Il risultato delle analisi sarà disponibile tra una settimana».

Intanto Rael, alias Claude Voronilhon, ha detto che la Clonaid ha una lista d'attesa di duemila persone, pronte a versare ciascuna 200.000 dollari (o euro) per essere clonati. Da Miami, dove passa il Natale, ha detto al settimanale tedesco Spiegel che festeggia con particolare devozione perché in quel giorno del '45 lui fu concepito.

E' mancato improvvisamente all'affetto dei suoi cari il giorno 28/12

Maurizio Gorga

Lo piangono la moglie Maria Grazia Damiani e il figlio Giovanni Maria, la mamma, i fratelli Marina e Mario, i famigliari tutti.

Roma, 30 dicembre 2002

Il giorno 29 dicembre è mancata all'affetto dei suoi cari

leri, 30 dicembre 2002, si è spento S.E. Dr. Gr. Cr. Luigi Russo già Presidente di Sezione della Cassazione

Danno il triste annuncio la moglie Maria e le figlie Eva, Grazia e Francesca con Aurelio, Gerardo e Marco e la sorella Maria.

I funerali avranno luogo oggi alle ore 11.00 nella chiesa di S. Luigi, in via di Villa Emiliani.

E' trascorso un anno

Fabrizio Pensieroso

vivi sempre nel mio ricordo.

Anna Catullo Albano

Roma, 31 dicembre 2002

Serenamente si è spento

Giovanni Sisillo

Ne danno il triste annuncio la moglie Immacolata, i figli Erminio, Aldo e Gabriella, il genero Gaetano, le nuore An-

Flora, Teresa, Cleonora, Flo-

ELENA DUSI

ROMA — E' proprio senza appello la condanna alla clonazione? No, secondo Carlo Flamigni. Il ginecologo italiano specializzato in riproduzione assistita, professore all'università di Bologna e membro del Comitato Nazionale di Bioetica invita a distinguere fra un comportamento scorretto, o comunque non scientifico (la nascita della bimba clonata annunciata dai Raeliani), e una pratica che, in mano a ricercatori scrupolosi, potrebbe in futuro dotare la medicina di armi nuove e potenti.

Cosa potremmo aspettarci di buono dalla clonazione?

«Se a studiarla sono scienziati

seri, la clonazione potrà aiutarci a comprendere alcuni meccanismi fondamentali della vita, a combattere la sterilità e, grazie alle cellule staminali, a curare tutta una serie di malattie e lesioni di fronte alle quali siamo oggi impotenti».

Ma qual è il confine tra clonazione «buona» e «cattiva»?

«Sta tutto nella finalità dell'esperimento: la scienza ha come obiettivo il bene della collettività. Poi ci sono i ricercatori che vogliono entrare nel Guinness del primato, i folli che seguono pseudoreligioni fantascientifiche e i ricchi imbecilli che pensano di farsi clonare per lasciare al mondo figli identici a loro».

Che ne direbbe Eva di queste

sue affermazioni?

«Se la nascita di Eva fosse vera e se la bimba un giorno soffrisse di qualche malattia legata alla clonazione, non esisterebbe fossa tanto profonda da contenere i responsabili del suo dolore. Però la clonazione non è il demone. Le persone imbecilli e ricche insieme non sono molte, mentre per produrre un danno genetico collettivo — arrestando il rimascolamento dei geni — aumentando il rischio di malformazioni nella specie — occorrerebbero centinaia di milioni di cloni. Mi chiedo piuttosto come mai l'attenzione dei moralisti non punti su problemi più importanti. E' forse giusto che il tasso di mortalità fra i bambini

Il punto sta nel fine dell'esperimento: la scienza ha come obiettivo il bene della collettività

“La clonazione non è il diavolo ma è folle sperimentarla sull'uomo”

Carlo Flamigni, specialista in riproduzione assistita e membro del Comitato di bioetica

debba variare a seconda della classe sociale e del luogo di nascita?».

Guardando all'orizzonte della clonazione, cosa vede?

«Nel campo della riproduzione assistita, vedo una nuova tecnica che potrà aiutare a combattere la sterilità maschile che quella femminile. Si chiama aploidizzazione. Aploidi nel corpo umano sono la cellula uovo e lo spermatozoo, che hanno 23 cromosomi invece dei 46 di tutte le altre cellule, dette diploidi. Se inseriamo il nucleo di una cellula diploide in una cellula uovo precedente-mente privata del suo nucleo, ecco che i 46 cromosomi di quel nucleo si dimezzano. Non c'è nulla di strano in questo: è la stessa cellula uovo a comandare il processo. In laboratorio non si deve fare nulla, o quasi. Se la cellula diploide che abbiamo prelevato apparteneva a una donna, dopo l'aploidizzazione avremo una cellula uovo pronta per la fecondazione. Ma nell'ovocita precedentemente privato del suo nucleo possiamo anche inserire una cellula diploide maschile. In questo caso, dopo l'espulsione dei 23 cromosomi, avremo ottenuto una sorta

Luigia Vincenti ved. Catania

Ne danno l'annuncio la figlia Lucilla, la sorella Anna con la figlia Raffaella Albertazzi, il fratello Enrico con la moglie Liliana Francioli e il figlio Valerio con Sonia e Claudia.

I funerali saranno celebrati oggi alle ore 11 nella chiesa della Madonna dei Monti.

Roma, 31 dicembre 2002

Il giorno 29-12-2002 si è spenta dopo breve e improvvisa malattia

Maria Romiti

Ne danno il triste annuncio il marito Giuseppe Papaianni, la sorella Anna Coreia, i figli Claudio, Giovanna e Cinzia Martelli, i nipoti Francesca e Viola Arduini, Mariacandida Martelli, Manuele, Michele ed Amilano Pollina, la nuora Luciana De Franco, i generi Alfonso Arduini e Franco Pollina.

Le esequie avranno luogo oggi 31/12-2002 alle ore 15.00 nella chiesa del Sacro Cuore di Gesù di via Marsala, ed il giorno 02-01-03 alle ore 15.30, nella chiesa Madre del Cimitero di Catanzaro.

Roma, 31 dicembre 2002

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I familiari ringraziano il dr. Luigi Baratta, Pilar, Segundo e Lina, e il personale della Clinica Villa del Rosario per l'affettuosa assistenza.

Roma, 31 dicembre 2002

Cattolica 2000 s.r.l.
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Elena e Alessandro Zani ricordano con affetto il presidente

Luigi Russo

mancato all'amore dei suoi cari.

Roma, 30 dicembre 2002

Fabio e Paola Pistella con Alessandro e Irene sono affettuosamente vicini alla famiglia Sulli per la dolorosa perdita del

prof. Giorgio Sulli

medico impareggiabile e amico affettuosissimo.

Roma, 31 dicembre 2002

31-12-1992 **31-12-2002**

Maria Calogero Comandini

I familiari la ricordano a chi ebbe la fortuna di conoscerla.

Roma, 31 dicembre 2002

31-12-2001 **31-12-2202**

"Beati i puri di cuore perché vedranno Dio".

Fabrizio

L'amore di cui ci circondi in ogni momento nutre in noi la speranza.

Patrizia, Luca e Barbara Pensieroso.

Roma, 31 dicembre 2002

na ed Elena, i nipoti Cammilleri, riana, Stefano e Claudio.

Napoli, 30 dicembre 2002

2001 **2002**

Oggi un anno, all'intensità dei suoi affetti fu tolta

Landa Romano Masullo

Soltanto il ricordo fedele può trattenerne l'amore.

La commemorazione avverrà giovedì 2 gennaio alle 16.30 nella chiesa dei Fiorentini, piazza degli Artisti al Vomero.

Napoli, 31 dicembre 2002



Il professor Carlo Flamigni

“Poi ci sono ricercatori che puntano al Guinness e ricchi imbecilli che vogliono figli identici a loro”

molto alto. Le malattie sono varie e difficili da prevedere. Si va dal gigantismo alle disfunzioni di vari organi. Tutte le manipolazioni in laboratorio, non solo la clonazione, possono causare problemi genetici. La strada è lunga. Allo stato attuale delle conoscenze effettuate esperimenti sull'uomo è una follia: non mi stancherò mai di ripeterlo. Ma questo non vuol dire che la direzione sia sbagliata».

di spermatozoo, una nucleocapace di generare la vita. Dovremo solo estrarlo dalla cellula uovo e usarlo per la fecondazione in vitro».

Ci sono già applicazioni?

«Poche, solo alcuni esperimenti sugli animali. Clonazione a aploidizzazione seguono procedure simili e in entrambi i casi il tasso di malformazioni nei nuovi nati è

oppia indicazione

LE IDEE

Dall'uomo-fotocopia alla pulizia genetica

STEFANO RODOTÀ

CON l'annuncio, accompagnato da legittimi dubbi, della prima clonazione umana si chiude un anno "bioetico" intenso e inquietante. E allora discutiamo pure di clonazione, ma che questo non diventi l'argomento per distogliere lo sguardo da altri temi, eticamente altrettanto importanti e socialmente assai più urgenti, quali sono quelli della ricerca sulle cellule staminali e dell'emergenza Aids, che rischia di aggravarsi drammaticamente dopo la dura presa di posizione dell'amministrazione americana contro la possibilità di un prezzo politico per i farmaci necessari a curare gli ammalati soprattutto nei paesi africani. Com'era prevedibile, la presunta clonazione di una bambina ha mosso ondate d'indignazione, con rischi di semplificazioni che non giovano né ad intendere la portata vera della questione, né ad avviare le giuste strategie di contrasto. L'argomento critico più forte rimane quello che si preoccupa dei diritti della persona nata grazie alla clonazione. Hans Jonas ha insistito sul «diritto trascendente di ciascun individuo a un genotipo soltanto suo, non condiviso con altri, irripetibile», traendone la conseguenza che un individuo clonato è «leso a priori proprio in questo diritto» (anche se questo argomento dovrebbe fare i conti con i caratteri dei gemelli monocoriali).

SEGUE A PAGINA 14
SERVIZI A PAGINA 21

22/10/30 12-02



UNA SONDA A CACCIA DI COMETE

Sapete come sono state ribattezzate da un astronomo americano, un certo Fred Whipple, le affascinanti comete, dalla chioma gassosa e dalla lunga coda **luminescente**? "Palle di neve" sporche, e questo nomignolo poco romantico, non è stato dato a caso: infatti questi corpi celesti ghiacciati attraversano tutto il Sistema Solare e possiedono un nucleo formato da ghiaccio, sabbia e molecole organiche e inorganiche di carbonio (componente principale degli organismi terrestri). Mentre gli antichi le ritenevano **foriere** di sventure (a causa della loro forma a "spada"), e noi ne ricordiamo una speciale, quella di Natale, oltre a quella fiabesca del Piccolo Principe di Saint-Exupéry, gli scienziati sono molto più interessati alla loro composizione che potrebbe svelarci il segreto della evoluzione **biologica** della vita nello spazio! Così, per cercare di rubacchiare a queste vagabonde del cielo, qualche novità, l'Alenia Spazio, su commissione

dell'Agenzia Spaziale Europea, invierà una sonda interplanetaria, denominata Rosetta, (in onore della celebre "Stele di Rosetta" che ha permesso di decifrare la misteriosa scrittura geroglifica), verso una cometa la "46Wirtaten"... Rosetta partirà nel Gennaio 2003 dalla Guiana, sarà dotata di un rilevatore di particelle, e scenderà sulla superficie del nucleo di essa per osservarne le variazioni chimico-fisiche!!! Anche le comete possono essere considerate dei fossili, perché sono residui della nebulosa che generò il nostro Sole, quattro miliardi di anni fa, e proprio come antiche tracce del passato dunque, ci possono "raccontare" molte caratteristiche dell'Universo che ci circonda.
Buona caccia Rosetta!!!

Stefania Genovese

DIZIONARIO

- Biologia:** studio relativo alle forme di vita.
- Foriero:** che precedono o annunciano una tempesta
- Luminescente:** molto luminoso.

La Settimana di ERASMO

Venerdì



La Tv di Kabul riapre con Maryan: la ragazza di 16 anni ha dato il benvenuto alla popolazione dopo 5 anni di chiusura della rete.
Sotto la lente: i supereroi mobilitati per restituire la tranquillità ai cittadini americani.



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il mio primo quotidiano

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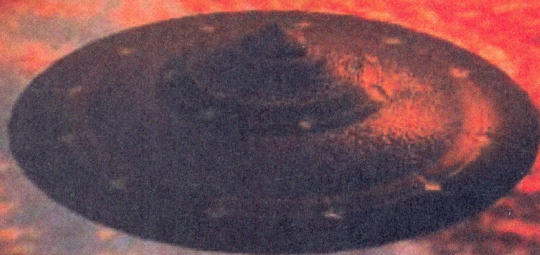
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Extraterrestri sulla Luna?



Ha suscitato molto scalpore la notizia che l'astronauta Gordon Cooper, in un recente suo libro, intitolato "Non siamo soli nello spazio", abbia ammesso che, sulla Luna, lui ed i suoi colleghi avrebbero incontrato ET...

Effettivamente esistono molte dichiarazioni attribuite ad astronauti che avrebbero avuto modo di osservare insoliti fenomeni celesti, una volta lasciata l'orbita terrestre:

Molti di essi avrebbero parlato, una volta in pensione e liberati dal segreto militare.

Il primo fu Luc Buerginel che scrisse "Lampo di Luna", riportando diverse interviste ad importanti scienziati vicini alla NASA che dichiararono che la sonda Lunar Orbiter 5 aveva registrato strane tracce di veicoli sul suolo lunare, già nel 1967.

Inoltre impronte simili furono viste dall'astronauta Harrison Schmitt, dell'Apollo 17, nel dicembre del 1972. Questi interventi furono poi però smentiti dagli scettici e da molti giornalisti aeronautici che ritennero false e **contraffatte** anche molte delle foto che rappresentavano segni di ET sulla Luna!!!

Per gli ufologi, però, la risposta è scontata: gli astronauti non possono parlare, ricordando che nel 1969, data del primo allunaggio, Neil Armstrong, durante una comunicazione con la NASA, avrebbe dichiarato di vedere delle enormi sonde spaziali aliene disposte in fila, sul fondo di un **cratere!** In seguito a questo episodio, poi smentito dallo stesso astronauta, incominciarono però a circolare delle fotografie **sensazionalistiche** che mostrerebbero dei dischi volanti, risultati poi essere delle collinette lunari e dei faretto piazzati dagli astronauti americani. Un'altra volta invece l'astronauta Aldrin filmò dall'oblò della navicella due globi di luce bianco-bluastro, mentre, nel 1995, diversi tecnici che da **Houston** seguivano sul maxischermo le fasi della missione Shuttle videro comparire, attorno alla navetta, degli strani globi bianchi che zigzagarono per un po' intorno all'astronave terrestre, per poi allontanarsi rapidissimi, in picchiata verso la Terra! Ma, oltre gli americani, ma anche molti astronauti russi, come Leonov, dichiararono di avere osservato, nello spazio, UFO molto vicini alla loro navetta Voskhod, ed in seguito anche durante altre missioni spaziali!

In conclusione, molti astronauti non vogliono raccontare di questi strani loro avvistamenti per paura di essere derisi e ridicolizzati dalla stampa, tuttavia alcuni di loro credono che navicelle provenienti da altri pianeti possano essere arrivate nel nostro sistema solare ed anche giunte sulla Luna!

DiZiOnArIo

- **Contraffatto:** falsificato mediante manipolazione.
- **Cratere:** avvallamento rimasto al posto di un vulcano.
- **Houston:** città del Texas (U.S.A.), sede del Centro di addestramento e di ricerca della NASA.
- **Sensazionalistico:** atto a creare sensazione, scalpore, meraviglia.

implanted. If they come within 10 miles of the facility without authorisation boxes, face death. According to the eyewitness statements the PGLFs are manufactured in bunkers hundreds of feet underground at Peasmore. PGLFs take 3 months to mature. One guard has even lifted one up on to his shoulder. These creatures operate almost like biological robots, and are centrally controlled for specific purposes. They have inter-dimensional properties, carried over from the original donor species, used by the other dominant masters. Greys have the property that they can "walk-in" to a human physical body, much like the colour TV signal is merged with the existing B&W luminance signal. Very crudely we are talking them same thing here, by using a similar spectral process in mass. Our PGLFs have rounder eyes than their original Grey species, themselves a slave race, under the control of the Reptoid masters, who have also been, under army escort in the base. The sort of numbers we are dealing with here, are in the range of 450,000, as of 1992.

Witnesses have seen these PGLFs walking, some awkwardly, at a US facility in Sweden, where other advanced mind control technologies are on line, namely Remote Neural Monitoring. Other witnesses have seen them at a facility in Alabama. Some sources claim that the infamous "Men In Black", who plagued abductees were in fact the more human versions of the PGLFs. Much in the same manner as "Zombies" are controlled in ritual Voodoo. In essence we are talking about the technologisation of such ancient arts and crafts as Voodoo, and other more Western versions of such arts.

Remote viewing experts have gained access to facilities of this nature. This was partially admitted when the CIA admitted its \$20million psychic warfare experiments, last year. However remote or astral out of body, viewing has its dangers. Remote viewers can face the equivalent version of themselves, in a guard capacity. Going completely out of body, means that the physical body is left in a vulnerable state, so protectors both astrally, and physically must be available. The employment of remote viewing for military purposes is now well established, if all be it difficult for some understand.

So, we have multiple eye witness accounts, and personal involvement in these programs, where alien and designer human programmable beings are being manufactured with the full participation and instigation of the Black World. This involves the collection of genetic data with sam-

ples, in national public medical records, for the selection of victims for abduction by these "Alien" PGLFs, and subsequent testing by our black program operations people, for what is claimed to be the construction of a programmable worker sub-species, for employment in the New World Order scenario. Those who believe this scenario claim this is planned to start in the next millennia, but has been in progress at least since, as evidence suggests since the 1930s, some even go back as far as the middle ages for the start date.

However repeated contactee data from those who have been contacted by those outside the control of the program, suggest that there have been major set backs in these programs. One such set back involved an underground battle between these "alien" PGLFs and special forces sent in to deal with them i.e. the program is not infallible. Other set backs included the break out, and rebellion of abducted civilians, on a lunar processing facility.

This has stimulated the leaks from participants, which is how we know this data so far. Sectors within our own services disagree with the domination of the NSA's control, and the domination of the Committee's agenda, as it is not in our (human) interest.

The Human - Alien Agenda, is typical of human nature. "We" appear to have agreed with some sectors of the alien community, and sold our souls, for their gain, the control and ultimate domination of the rest of us. Not a radically different goal from previous dictators in the bloody annals of human history. This time they will use "alien" soldiers landing in flying saucers (some claim originally developed in WW2), to panic the rest of us into accepting the need for a single world government, and the implantation of us all with chips. The Mobile phone network, and the Murdochian smart card technologies are designed to be combined in one satellite addressable chip, for complete domination and control of us all. Make no mistake about it, this is on going, and in full implementation. Those who don't take the chip will be eliminated using the genetically selectable viruses manufactured using nanotechnologies, for the ultimate, neat and tidy disposal of the remaining unnecessary eaters, in the world to come.

The Program is running. The involvement of alien life forms, in conjunction with black program agencies, employing well stabilised, but

secret - suppressed multidimensional technologies is assured. It is time to reveal, and ask/demand what is going on, and to take control of our destinies.

When you see all those movies and children's programs telling us all about those aliens, just think of where they get their ideas from. Fiction in this case, is not that far from the reality. More and more people are coming forward, telling the same kind of story. Where do they get their experiences from. No matter where you pick up the story, you will always end up with an alien of some kind at the other end. But don't take anything at face value, question everything, assume nothing, and keep alert.

Alternative 3

This was a "fiction" based programme aired in the late 1970s, by Anglia TV. The idea was the earth is doomed, and colonies have been set up on the Moon, and Mars. This may not be so outlandish. Independent sources, one after another are coming up with a serious situation. Namely, that the earth, which is a damaged, unstable sphere, is inclined to wobble a bit. Various sources have different, but not dissimilar scenarios. If the Poles don't shift, the entire earth's crust will. Either way, most of us will die in the change over. Shortly after the event occurs, life will return to normal. In order to achieve this, without the memory loss of an entire millennia, the authorities have been building secret bases on the Moon, and Mars, and have been conducting secret breeding experiments and genetic selection of the entire planet.

They will be off planet when the balloon goes up. The rest of us will drown, or just be crushed and burned the various faults and rift valleys fail. Notably the San Andreas in North America, which will lose 1/3 of its land mass into the Pacific. Locally, the Scottish Rift Valley will sink and disappear. This will all happen in a few hours. The shock waves will mean the oceans will cover most of the low lands, and wipe out the vast bulk of humanity. Only those in the central major plates will survive. No guarantee for those in the upper mountain areas like the Alps, as they are interfaces with the plates, and will suffer badly. So the only solution is to be off world at the time.

The NWO Program is for those that can come back. There will be little visible remainder of a civilisation, for all intents and purposes. They will need an obedient worker/slave race, ready to rebuild, fast, and efficiently. Those that are left will be controlled to produce the best race. Most people will NOT allowed to reproduce, unless by decree. Mating with the slave race will be forbidden. In essence it will back to the last time it happened. Those with the technology, and flying machines will be called Gods. and so the story repeats itself. Of course this is what will happen in these 3 dimensions, the inter-dimensional interfacing and disruptions which will also occur, well that is a different story.

SCI SPI

SCIENTIFIC SPECULATION, PREDICTION & INVESTIGATION

The Real Stars of

Have you ever wondered if any of the places that the crew of the Original TV series actually existed? Paul Money looks at a few

Currently, unless you like getting up after midnight (or even staying up late), if you want to see any of the stars mentioned in this article then it's best to wait until the Winter months when they are visible in the evening sky.

We begin with what must be one of the easiest stars to find in the night sky. Anyone who has looked at the Constellations of the Winter cannot fail to have seen Mighty ORION - the Hunter standing guard over the landscape below. The Red Supergiant Star Betelgeuse looks orange to the naked eye and the penetrating gaze of the HST has shown the surface of this huge Star to be even larger than the orbit of Jupiter from our own sun! Using our regular chart you can see the 3 'Belt' stars of Orion lying below Betelgeuse and almost diagonally opposite away from Betelgeuse and there lies our first 'Star Trek star' - Rigel. In fact the planets associated with Rigel mentioned in the series are several in number although not all of them were directly visited by the Starship. In the first season episode "Mudd's Women" the Enterprise chases & captures an unidentified craft but in doing so drains nearly all its Lithium crystals, thus Kirk sets course for Rigel XII where there is a mining operation for said crystals. The occupants of the craft include 'Harry Mudd' with several beautiful women. Mudd manages to contact the miners informing them of the beautiful women and gets them to bargain for the crystals with part of the deal including the release of Mudd. As it happens the women take a special drug making them look attractive and Mudd's plan collapses.

Meanwhile Rigel VII is part of the hallucinations that Captain Pike experiences in the series one, two parter - "The Menagerie" which was actually taken from the then unshown first pilot produced for the show, called "The Cage". In the illusion Pike (stupid boy - oh sorry - wrong series!) re-enacts

an event from his recent past at the fortress on Rigel VII.

The second season episode "Wolf in the Fold" finds Scotty charged with murder when he is found next to a murdered dancer on the planet Argelius II. However things turn from bad to worse for him when at a ceremony the lights go out briefly and when they come back on poor Scotty is holding another dead woman in his arms! However the lady in question had sensed earlier that something evil was nearby and back on the Enterprise Truth verification shows he is innocent. It turns out that an energy based form of life called Redjac moved from planet to planet in the body of the current city administrator (Hengist) who had been present on each planet when the murders occurred. They even manage to trace Redjac's path back & link it to Jack the Ripper! Redjac is trapped & dispersed into space. Finally in the first season episode "Shore Leave" we learn at the end of the episode that McCoy had visited a cabaret on Rigel II!

Shining at magnitude 0.12 Rigel is classed as the seventh brightest star in the night sky with a spectral classification of B8 (I) giving it a surface temperature of approx 17,000 degrees! Along with Betelgeuse it dominates Orion and looks blue/white to the eye. It is a SuperGiant star (hence the (I) above) which helps to explain why it appears so bright to us even though it is not one of the closest stars to the Earth with it lying 913 light years away (slightly closer than Betelgeuse at 1,400 Ly). If we could bring it to a standard distance of 10 parsecs (= 32.6 Ly) it would be an incredible sight shining at -7.1 which suggests that its luminosity is in the order of 57,000 times more than our sun with approx 50 times more mass as well! Lying only 9.5" away from it is a faint companion of magnitude 6.8 which is harder to see due to the proximity of the brighter star. Along with Betelgeuse, Rigel is the sort of

star that could be a good candidate to explode as a supernova so if you suddenly notice that Orion's lower left bright star is outshining everything else in the night sky - it's gone bang!

Next we turn to another bright star easily visible to the naked eye over in Gemini - Pollux or Beta Gemini. The Enterprise is suddenly held by a huge hand in space (formed from pure energy) and thus in the second season episode "Who mourns for Adonis?" the ship is brought to the planet Pollux IV where the 'God' Apollo resides. He wants people to worship him and he takes a fancy to Lieutenant Carolyn Palamas and along with Kirk and a landing party he insists the crew be evacuated to the surface. Meanwhile Spock manages to punch holes in the planet wide force field and informs Kirk of an energy source that Apollo uses and Kirk gets Palamas to spurn the attentions of Apollo annoying (and therefore draining) Apollo so much that Spock can destroy the energy source & therefore the God's influence. Apollo then realises that you can not force Humanity to worship him and he fades away to nothing!

Pollux is one of the two bright stars of Gemini - the twins. In Greek mythology Castor was mortal whilst Pollux was immortal but when Castor was accidentally killed Pollux pleaded with Jupiter to let him share his immortality with his brother and so both were placed in the night sky. Pollux is the 17th brightest star in the night sky at magnitude 1.14. Its spectral class K0 (III) makes it a Giant cool star with a surface temperature of about 4,500 degrees giving it a yellowish/orange colour in optical instruments. At a distance of 35 light years it is relatively close but still doesn't get into the closest 25 stars list. There are a number of faint companions to Pollux but it seems that none of them are true companions and with magnitudes from 8.8, 9.6, 10.3 & 13.6 they are not particularly easy objects next to such a

SERIES NAME

Pollux IV

Rigel II, IV, VII & XII

Regulus & Regulus V

CONST

Orion

Leo

REAL NAME

Gemini Pollux (Beta Gemini)

Rigel (Beta Orionis)

Regulus (Alpha Leonis)

The Program



Alien Abduction has now been officially recognised as a reality, according to Prof. J E. Mack, of Harvard, surviving the recent inquisition of his peers, Mack has brought the UFO Abduction

phenomenon into the respective realm of real science.

The shock waves are still travelling. Mack in essence states that the experiences that Abductees and contactees are experiencing, are by all reasonable criteria, real.

Astronomers of course keep telling us that the Universe is "amazingly" big, and that light travels so fast, and so on. Unfortunately in order for Astronomers to hold on to their sacred cows, they must deny that Abductions are real, otherwise recalibrate their science.. Unfortunately, they can't look at existing EM theory, and see the hyperspatial components which others have seen, and are off developing heretical devices like "free" energy machines, and transmitting faster than light, etc. In essence, as they say "its been done". But, despite the hundreds of abductions reported world wide, from South and North America, Europe, the UK, Africa, Asia, even the Caribbean island of Puerto Rico (where strange creatures and multiple Grey sightings, with military have been seen for years), we still have no real, captured alien. Deryl Simms of the Houston UFO Network, an ex-CIA company man, has implants scientifically verified by independent scientists and medical experts, which were removed from abductees. But still no alien. The face of last year's Roswell alien, got some hot and bothered, but even a cursory look at that alleged video taped forgery showed hoax, as numerous photographic, and special FX specialists have stated.

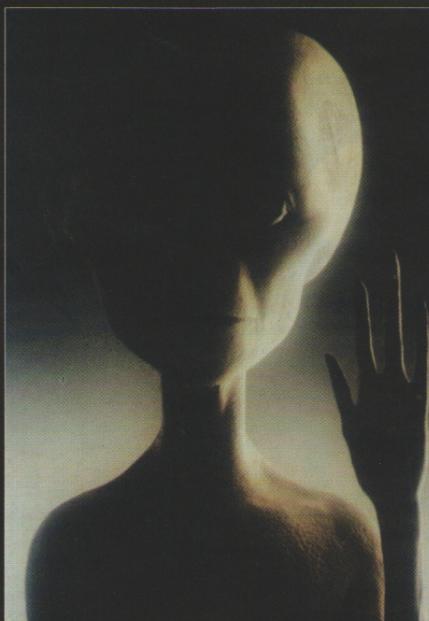
What did happen was that the wider public were exposed to the potential for a real alien contact. For the first time most ordinary people were really exposed to hard UFO information, and it disturbed them. This is part of the agenda. Whether we like it or not, we are being educated to expect alien contact. While there must be alien life in whatever dimension, or universe we care to mention, there are at least a proportion of abductions being done by a life form, controlled by our "Secret" Black Budget Government agencies, who are not in our control.

So why do we have all these abductions.? Why are we constantly being introduced to this subject, with ever increasing frequency?

NWO The Program.

Someone is making them. We are being conned. Watch carefully. In many abductions we have reports of Human military involvement. Now it

turns out, that under the sleepy country village of Peasmore, we have had an underground facility, operated by the National Security Agency. Participants in the Program have now come forward detailing how the United States established underground facilities in the UK, which includes the underground facilities in Northern Ireland. They were initially installed under the guise of World War II and later Cold War facilities. Facilities which have shut down on the surface, exist as operational underground facilities.



Peasmore, Berks.

According to sources the NSA established the under ground facility between Fawley and Peasmore, under project name Puppet Master. The project name illustrates the relatively clumsy manner in how the awkward alien half breeds functioned They were for the specific purpose of using them as the initial stage in the Alien Abduction program. This facility was to generate and produce controlled, or programmable biologically mutated life forms, or PGLFs.

Entrance to the base is via Greenham Common, Harwell and Watchfield. These being a small section of the massive underground complexes here, and in the US, involving complexes the size of small cities, hundreds of feet underground.

So, as they perfected the Programmable Generated Life Forms (PGLFs), so the rise in abductions began. Sources state they use electromagnetically induced Mind Control technologies, using scalar psychotronic technologies to induce in the abductee's mind, the entire alien scenario. This is called Project Bluebeam. Victims have an Alien abduction dream state induced during REM sleep. So they expect to see aliens. Then, when they are presented with a "real" alien, the illusion is complete. Other technologies provide reality shifts, and re-orientation of events, includ-

ing actual time slippage, both in terms of lost time, and extra time. Things just don't seem quite as they seem, or don't they? The effect on the victim can be quite subtle, but the effects are there, make no mistake about it. For this reason it is necessary to provide zero time references for users of the technology, so they don't get lost, as the disruptive effects can make users very ill.

The implants taken from abductees represent advanced technology, but not that advanced. That suggests, according to some, that these aliens are rather closer to human origin, further underlining the current data on the Peasmore and Dulce, New Mexico complexes.

The Story So Far

Hitler made deals with extradimensional entities by using certain secret groups, skilled in interdimensional dialogue. He had a fall out with his western pay masters, hence WW2. However enough technology exchange occurred, and the V6 flying antigravity machine flew in WW2. The US took over where Hitler left off, and continued the program. The tin can rockets were used to cover the electromagnetic technology or Flying Saucer technology. Later development with these resulted, and a number crashed on test (Roswell, Socorro). The A and H Bomb tests however caused major dimensional disruption enter a load more alien types, and lots of trouble. Continued dealings meant large numbers of Grey / Reptilian / Pleiadean bases established in the US, UK, etc. However in true style, and deals within deals, and double crosses, resulted in a right mess, which agencies are now telling us about, hence the present day.

The use of normal nation wide health tests, for example cervical smear tests, are part of a world wide genetics assessment program. Some claim their files and samples are used in the Programme, for cloning and use with the PGLFs. This is directly related to the cattle and animal mutilation programme, carried out in conjunction with the alien/Grey Military programme. It is the 3% of all animals which have the closest genetics to humans which are selected for the program. These are carried out at the same time as the human abductions. Witnesses have seen human military on board the alien vehicles, and seen the animals in the same facility.

Study of human aura patterns by personnel employed by the US military indicate that they are indeed making programmed "human" versions of people, as the programmed or replicated version simply lack most of the normal human aura, it is as simple as that. The assumption that everyone walking about is human, is just that, an assumption.

The state of the art PGLF program, is now Project Mannequin, which is reflected in the quality of the product. Ex-security personnel who have themselves worked in the plants where these PGLFs are manufactured have themselves been

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SCIENTIFIC SPECULATION, PREDICTION & INVESTIGATION

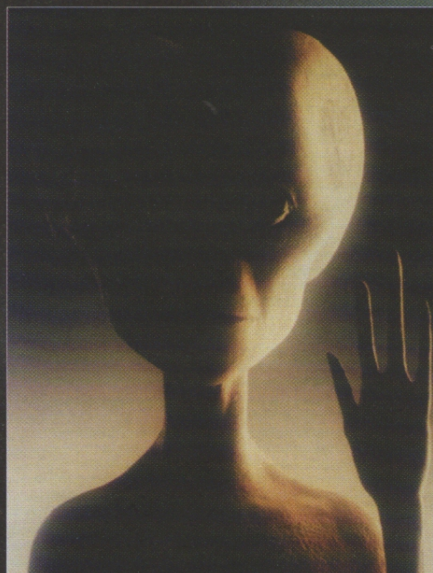
This month there's very good news mixed with scandal! No one could have failed to have heard of the NASA announcement of possible fossil remains in a Martian meteorite. The extended Mars section in the News this month takes a much closer look at the story, assessing its implications for everyone. We've assembled interviews, comments and background on what could well prove to be the discovery of the millennium.

The scandal relates to NASA hijacking of Richard Hoagland's theory of oceans beneath the ice of Europa, one of Jupiter's satellites. Announced earlier this year by a NASA scientist at a conference in Birmingham as his own discovery, Hoagland's ideas have been shamelessly plagiarised, culminating in this announcement from the Galileo mission results.

All the credit has gone to NASA, and we're helping to address the balance by giving Hoagland's side of the story here. We include scans of the original magazine article in which Hoagland claimed these huge under-ice seas; not 1996 as NASA would have you believe, but 1980!

We're all hoping that the discoveries in the Martian meteorite will finally persuade NASA to point the camera on Cydonia next year when their two missions arrive at Mars. Should they not do so now, they'll be letting down everyone, and making a gross error of judgement. Unless, of course, they know all about them now, and choose not to tell us. Remember the constitution of NASA - it's obliged to cover up anything it discovers that the US Government deems to be in the interests of national security.

Are we victims of a cover-up of epic proportions?

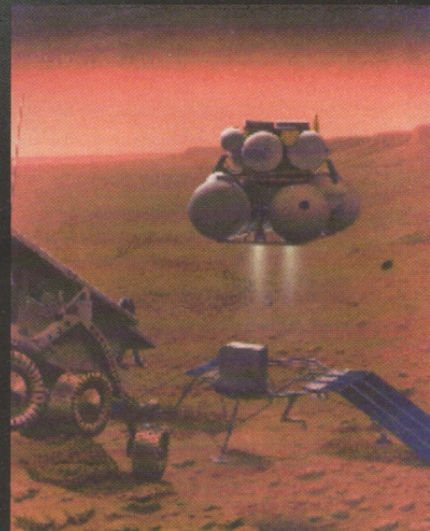


The Program - is alien abduction finally being officially recognised?

Tunguska Destroyed! - What caused the destruction of a huge area of a Russian Forest?

Third Generation Spaceships - The future of rocket powered space travel.

Plus UFO Update, The real stars of Star Trek & More...



UFO.

UPDATE



James Hockney looks at the latest 'UFO' news from around the World

Roswell-Alleged Debris

The famous talk show host Art Bell has received a package containing what the sender claims to be are pieces of metal from a unknown craft that crashed in South America. Accompanying the metallic pieces is a letter from the sender who claims to be the grandson of a man who was part of the military retrieval team whose aim was to collect all debris and possible dead/alive alien bodies.

The sender states in his letter that his grandfather passed away in 1974 but not before he told his grandson that the downed craft at Roswell in 1947 was not a weather balloon but was indeed a crashed UFO. In his letter the grandson proclaims,

"I am currently serving in the military, and hold a security clearance and do not wish to go 'public', and risk losing my career and commission."

The parcel and letter raise several questions that cast suspicion on the claims made in it. First, if he does not want to lose his career and commission then why does he go into such detail about himself and his grandfather? How many personnel worked on the Roswell retrieval, died in 1974 and have a grandson who is currently working in the military? Any security agency would have no problem tracing who this person is by simply checking database records.

It would not be too difficult for a dedicated UFOlogist in America to track down the writer of this letter, if he exists, as a number of people on the Roswell retrieval are well known in the UFO community. Anyone with an ounce of sense would give the absolute bare minimum details about himself, eg: a relative worked on the Roswell retrieval and here is some debris he gave me. Here is an extract from the letter:

"As my grandad stated, the team arrived at the crash site just after the AAF/USAF reported the ground zero location. They found two dead occupants hurled free of the disc. A lone surviving occupant was found within the disc, and it was apparent, its left leg was broken. There was minimal radiation contamination and it was quickly dispersed with a water/solvent wash, and soon the occupant was dispatched for medical assistance and isolation. The bodies were sent to the Wright Paterson Air Force Base, for dispersal. The debris was also loaded onto three trucks which finished the on-load just before sunset. grandad was part of the team that went with the surviving occupant. The occupant communicated via telepathic means, it spoke perfect English, and it communicated the following: The Disc was a 'probe ship' dispatched from a 'launch ship' that was stationed at the dimensional gateway to the Terran Solar System, 32 light years from Terra (Earth), they had been conducting operations on Terra for over 100 years.

Another group were exploring Mars and Io. Each 'probe ship' carried a crew of three, a launch ship had a crew of one hundred. The disc that had crashed had collided with a meteor in orbit of Terra, and was attempting to compensate its flight vector, but because of the collision, the inter-atmospheric propulsion system malfunctioned. The occupants sent out a distress signal to their companions on Mars. The 'launch ship' commander made the decision to authorise an attempted soft landing on the new Mexican desert. At the same time, the atmospheric propulsion system had a massive electrical burn-out, and the disc was soon virtually helpless.

There was another option available to the occupant(s), but it involved activating the dimensional power plant for deep space travel. However, it opens an energy vortex around the disc for 1500 miles in all directions. Activating the dimensional power plant, would have resulted in the annihilation of the states of New Mexico, Arizona, California and portions of Mexico, possibly even further states would have been affected."

Let us just recap on what the grandson is saying, an alien craft collided with a meteor leading to a malfunctioning propulsion system and inter-atmospheric propulsion system. The crew had the choice of activating a dimensional power plant which would have saved the aliens but would have lead to millions of humans being killed. It does sound too incredible to be believed but if what is claimed is correct-a couple of extra-terrestrial entities sacrificed themselves for us. The propulsion system of the craft was de-activated to stop the technology falling into our hands.

Once the grandfather had finished his role on the retrieval including communication with the extra-terrestrial being it was to be transported to a permanent facility. The alien was placed onto a transport aircraft en route to Washington DC.

This aircraft disappeared on its journey to Washington DC and three fighter aircraft were sent to locate the aircraft flying over the last known co-ordinates but the aircraft, crew and alien were never found.

In fact, the true nature of this material and letter will be only truly known once the debris is analysed; be it hoax, disinformation or the real wreckage from 1947. It probably will be disinformation again, just as it was in 1947 with the government saying the object was first a weather balloon, then a secret spy balloon and finally the Roswell autopsy. Is this the last part in a long line of lies? We will have to wait and see...

Crop Circle Update

As was mentioned in last months UFO Update we have new information on this new crop-circle. As reported the crop circle was discovered at the Old

Manor Farm, Alton Barnes, Wiltshire.

The crop circle is composed of two large circles at each end of the formation, ten fair sized circles in between them and then 77 smaller circles threading through the 648 feet long formation. Sceptics, as usual, blame hoaxers, hedgehogs, the wind and all the rest but the fact is how could anyone produce such a formation of 89 circles in a couple of hours?

The farm owners still resist the sceptics theories and suggest that the phenomena is something more than the mundane. Polly has spoken out against the hoax theory stating categorically that it was not there at midnight but was there at sunrise (3.30-4.00).

I have been told by crop-circle investigators that at this and many other fields where crop circles have appeared many people stay out on summer nights near this field and others where crop circles are. With so many people in the vicinity it would have been difficult for hoaxers to get into the field and out without being noticed.

Crop circles that are considered to be something out of the ordinary are always elliptical and not circular. This suggests that a force from above may have been projected down onto the field.

What makes this formation so amazing is that all the stalks have been bent exactly in the middle which cannot be done by pressing the crop down with a wooden plank or roller (hoaxers favourite devices). Even if the stalks were bent by hand, barley gives off a powdery substance when touched and no marks were found on the crops.

The cause of the formation is still unresolved and we should not underestimate hoaxers, but you should never underestimate the strange world we live in.

Bufora meetings

The British Unidentified Flying Object Research Association have some conventions coming up in London. The meetings take place at The University of Westminster, 35 Marylebone, London, NW1 5LS (which is opposite the London Planetarium).

The first meeting on Saturday, September 7th is entitled 'Unexplained Phenomena' whose speaker will be Lynn Pickett. The meeting will start at 6.30pm (ending about 9.30pm).

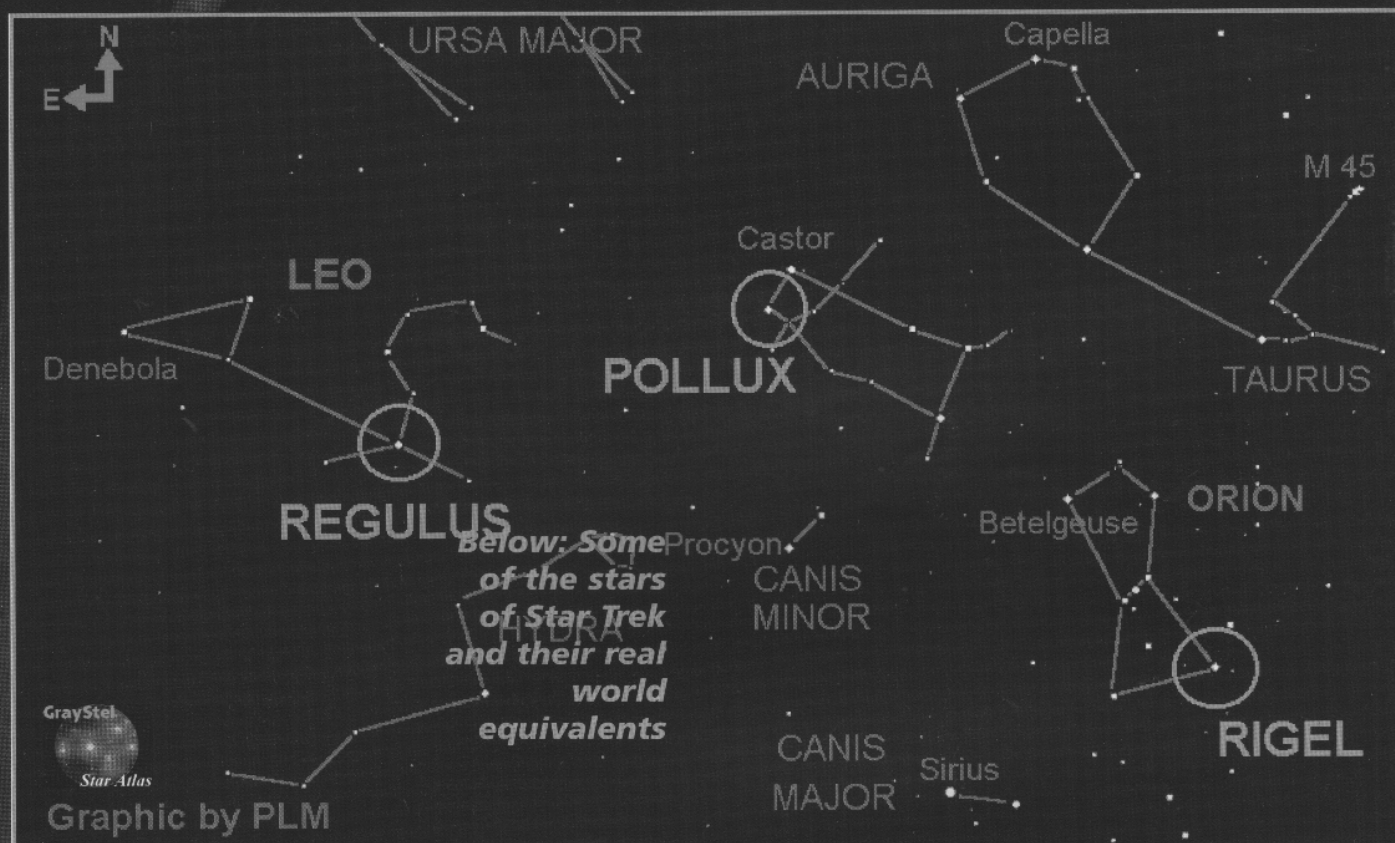
The next meeting will take place on the Saturday of 5th Oct with Steve Gamble as the speaker. The talk is entitled 'The way ahead for the BUFORA Research Team' and will discuss BUFORA's attempt to use computers in data acquisition techniques. This will be used for inputting cases onto computers. The lecture will also discuss the group's new web page on the internet.

Finally, on the 2nd of November the lecturer will be Albert Buddan who is famous for his sceptical thoughts on abductions. He uses the highly controversial theory that electricity fields cause people to have hallucinations of being abducted. The problem with this theory is many abductions occur far away from civilisation. If all abductions are hallucinatory then why do people all see the same aliens?

The meetings are open to non-members and admission prices are £1.50 for members and £3.50 for non-members. Most of the meetings last for one hour followed by a 25 minute break. After this time is given over to questions and answers.

STAR TREK

the USS Enterprise encountered & visited during the course of
few more stars that are visible in the UK sky... **Part 3**



bright star. Pollux is quite close to the 'standard' distance so that it would only appear marginally brighter if placed at the 10 parsec distance.

Our final Star for this issue lies over in the constellation of Leo the Lion and is the brightest of that constellation. Regulus V is not actually visited by the Starship but rather the planet is mentioned in the second season opening episode "Amok Time" where Spock begins to experience the Vulcan 'Pon Farr' which apparently is when primitive (mating) emotions take over Vulcan males every few years (although I'm not Vulcan I know what they mean!). Kirk takes his friend back to Vulcan where we learn that he is already betrothed and must go through the 'Koon-ut-kal-if-fee' marriage /challenge ceremony. That's ok until Spock's betrothen chooses Kirk to fight Spock as her champion! Fortunately McCoy injects Kirk with a drug to simulate death so that Spock can 'kill' him and settle the matter. Once on board the Enterprise Kirk is revived much to the relief of Spock and the crew. A possible other planet/moon connection with Regulus

may be inferred from the name Regula which occurred in the second Star Trek movie - "The Wrath of Khan". Here the experiments of Kirks wife Carole & son Marcus lead to the Genesis device which has the potential to completely rework an planetary object into one which could support life. The downside is that any life already on the target world would be wiped out thus it also has the potential to be a weapon of world shattering proportions. This is not lost on Khan (mentioned also in last months issue) who, being on the edge of defeat, sets off the countdown for the Genesis device and the Enterprise only just escapes the ensuing detonation but at the cost of Spock's life.

The real star Regulus is the 21st brightest star in the night sky shining at magnitude 1.35, thus is just fainter than Pollux. Regulus is spectral type B7 (V) meaning its surface temperature is about 13,000 degrees and it is a main sequence star. Lying only 85 Ly away it has a fainter companion which is easy to find in a small telescope as it is a G type star similar to the sun at magnitude 7.7

and a respectable 177 arc seconds roughly NW of the primary star. This companion is itself double with a 13th mag star only 2.5 arc seconds away & therefore a real challenge due to the extreme difference in brightness between the primary and this star. Because Regulus lies only half a degree from the ecliptic the Moon can pass quite close to it and even at times occult it whilst even rarer is an occultation by any of the Planets, most of which lie close to the ecliptic during the passage of their orbit around the sun. Interestingly enough because Regulus is so close to the ecliptic, the Greek astronomer Hipparchus noticed, by scrutinising early Babylonian records, that the position of Regulus & Spica (also close to the ecliptic) had changed by 28 1/4 degrees in 2000 years. Hipparchus had discovered the Precession of the Earth!

In our final part, next issue, we conclude our review of the 'Real Stars of Star Trek' with a look at the last three stars on my list, two of which rank amongst the brightest stars of the sky. Until next time clear skies & happy Trekking!

HOW DO WE SEE?

We thus had a wonderful argument which ranged over the whole subject of tomb illustrations, exemplifying the plethora of skills that your 'Quest' editorial team commands. One facet of this discussion which was new to most of the team was how our eyes actually work, and what is transmitted to the brain when we are in dark places. Rods and Cones On the retina of each eye - the light-receptive area at the back - there are some 200 million light receptors. 125 million of these are called rods and are very receptive to low light levels. The other 70 million are called cones and register colour when higher light levels are reached. To see for yourself the difference between rods and cones, go outside when it is getting dark and look around you. You can see that, as the light levels decrease, colour seems to be washed out of the landscape, and you reach a point where although trees, fields and houses can still be seen, the colours have faded, leaving monochromatic shades of grey.

What is happening in your eye is due to the lower light level. The cones or colour registers of your eye have now ceased to function and you are seeing with the rods at a low level of illumination - they are only sending black and white messages to your brain. Another way of doing this is to have several coloured pieces of paper and to try and tell what colour they are by moonlight. This will very readily show just how big a difference there is in seeing by bright light and seeing by very dim light. Do not fall into the trap of looking at the colours of cars

At our last editorial meeting, we entered into a discussion regarding the decoration of tombs, especially in ancient Egypt, where the artist used very bright and cheerful colours. The fairly high illumination given out by oil lamps or other light sources would have caused smoke damage or created soot, and yet there is little or no such evidence of the tomb being illuminated during decoration.

under sodium lighting. Although our rods and cones are still operating depending on the light level, sodium light has very narrow-band emission, and coloration is caused by reflectivity at specific frequencies. To see colour properly, one must have a white light source.

Well-Behaved Pupils

The other factor in seeing is the size of your pupil - the opening in the front of your eye which allows light into the eye itself. Your eye has the ability to expand and contract its centre part by muscular tension, giving an opening somewhere between four and seven millimetres. Regrettably, as we get older, our eyes do not dilate as much as they did in our youth. Thus for anyone over the age of about 50, maximum dilation will only be about six millimetres.

Because your eyes' pupils can dilate, more light can impinge on the retina as the aperture becomes wider. This is a phenomenon known as night vision: a few minutes after going into a darkened room, your eyes will slowly open up, allowing you to see more. Another way to notice this phenomenon is to go back to your coloured paper and moonlight experiment. If you find that you can see some coloration on the paper, switch the light on for about one minute, then switch it off.

If you now go back to your Moon-illumination and look at the paper again, you will see that everything has now washed into shades of grey. Moreover, if you continue to view the paper, then as your eyes slowly dilate in the reduced light conditions, you will find that very slowly a certain amount of coloration will return. This is because more light is getting into your eyes and your cones are now becoming receptive. Binocular Vision Binoculars and telescopes are designed to give exit diameters to match the pupil of your eye.

This is why some binoculars are designed as 7 x 50s: if you divide seven into 50, you will find that it goes seven times - it has a seven-millimetre exit pupil, the size of a fully dilated eye. Binoculars at 10 x 80 will therefore give an eight millimetre exit pupil, which means that for astronomical purposes they will not be as effective in their light gathering properties.

But let us return to our original problem. The painting of underground or internal tombs that had no natural lighting must have been illuminated quite strongly, as I cannot believe that someone would have used bright-coloured paints without being able to see them. This therefore leads us to question how these rooms were lit sufficiently enough to enable the work to be carried out during construction and decorating.

Perhaps a series of mirrors reflected sunlight inside these structures. Or perhaps there were other ways of doing it. As always, your own thoughts and comments would be appreciated.



Example of Egyptian Tomb Painting



The Tomb of Rameses VI

U.F.O.

U P D A T E

Air Traffic Controllers Witness UFO

North Norfolk air traffic controllers have been left mystified by a glowing UFO which they tracked for ten miles. A spokesperson for the airport state that the object was not one of their aircraft and was to be catalogue as a possible UFO.

To add further credibility to the report, two policemen – Sergeant Steve King and PC Andy Collier – made a visual observation of the UFO as it remained stationary in the sky. The UFO was described as having red, white and blue lights, but they lost sight of it when the object sped off in a northerly direction. So far there has been no satisfactory explanation as to what the object was.

Merseyside UFO flap?

In February, Merseyside was yet another hotspot for UFO reports with twelve officially reported sightings. In the Rossendale area, witnesses said the object moved with complete silence. People in Scarisbrick heard an explosion of noise – with doors and windows shaking violently – when a ball of flame flew over their heads at a fantastic speed.

UFO investigators and the local MP Robert Kilroy-Silk have put the MoD under continued pressure for an explanation. The MoD released a statement on the sighting, indicating that the UFO sightings were F-111 jets from, flying at low level, from the USAF base at Upper

Heyford, Oxfordshire. However, the Civil Aviation Authority did not support the MoD findings. The most galling fact about the MoD statement is that if the UFOs were indeed F-111 jets, why were they allowed to fly at low levels over two civilian airports, Manchester and Liverpool? The MoD statement also does not explain how, in the Rossendale Valley sightings, a silent F-111 landed in the area.

To put the final nail in the coffin, the man leading the F-111 exercise, Colonel Shrihofer, is certain that the F-111 planes were not even in the area during the UFO sightings! When the MoD were tackled over the statement, they withdrew it and officially stated the object was a UFO.

Black Triangle Military technology?

Another enigmatic black triangle has been sighted over the area of Lancashire by a man walking his dog. The sighting occurred at 6.10 p.m. when he noticed an object with two yellow lights moving in a southerly direction. The object seemed to have a light on each tip of the wing, giving the impression of a triangle. The witness continues, 'I would have made no more of it, but then I noticed three sets of aircraft lights approaching from the northwest. I was surprised because of the seeming close proximity of each other. They were not in any formation I could discern, but it was apparent that civilian aircraft would not be so close. I noticed that the arrangement of lights did give them a pronounced triangular

shape; however, the colour of the lights seemed to conform to those you normally see on aircraft when viewed at night: i.e., white, red and green with, of course, a flashing strobe.

'I thought that perhaps they were Tornados with their wings in the swept back position due to the shape outlined by the lights, but [I] dismissed this because they appeared too slow, although travelling much faster than the first plane I had spotted. This was to the south of me now. I then observed the three aircraft change course quite radically as if they were looking for and had spotted the first aircraft. They caught it up and began to circle it, but at some distance.



'Meanwhile, for the first time I heard aircraft noise. This attracted my attention to the east where I saw another aircraft approaching and making a bee line, again for the first plane. I realised that while all this [had been] going on I [had not] heard a whisper of engine noise, and yet the size of the second lot of aircraft was such that they were pretty low, or extremely huge!

'The engines I could now hear were from the aircraft just now entering the area. ... It was prop-driven, but not a light aircraft. The engines had that throaty hum of a multi-engined cargo plane.

'When I turned south again, I saw the first aircraft disappear into cloud followed by the second plane which had intercepted it. With that, I gave up observing it and returned home.

Reflecting on the incident later, I concluded that I had witnessed some military exercise in which a target plane was intercepted using a group of fighters and a radar specialist equipped plane.

'The only thing that gives it a bit of mystery is the fact that I didn't hear the engine and I should have done because they were not above [the] cloud base which, from memory, wasn't that great. ... And if these were at a great altitude, they were certainly bigger than jumbos! Also, I heard the last plane quite clearly – and from a long way off – and it appeared to be at the same altitude.'

The sighting certainly seems unresolved, but could be seen as misidentified jets or top-secret black triangles.

CROP FORMATIONS A BIOPHYSICAL INVESTIGATION

It should be noted that phototropism (the natural tendency of plants to bend toward or away from a light source) does occur in plants downed by any force, causing the plants to bend at the node. This bending will be more pronounced in young crop, occurring within a few days after being downed, but is not concurrent with elongation of the node or the presence of expulsion cavities in the same plants. Many factors must be taken into consideration when trying to determine causation in this situation, rather than reliance upon one single finding--the age of the plants at the time they were downed, the amount of time elapsed since the event, the overall prevalence of the bending, the presence of node elongation and expulsion cavities, as well as the results of microscopic examination and germination and growth trials. Snap judgements based on a single observation or finding are probably misleading.

The work of science is not only to explore and document previously unknown aspects of reality, but also to attempt to establish causative models or theories which can eventually be tested in the laboratory. In the case of the crop formation phenomenon this is a tall order. It is easy for modern man to forget the decades of pure research which eventually resulted in modern medicine, agriculture and technology, benefits which many of us now take for granted - but a thorough grasp of any new area of investigation takes time, and work, and the efforts of many researchers.

Dr. Levengood has, in a 1994 paper published in a peer-reviewed scientific journal (Anatomical anomalies in crop formation plants, *Physiologia Plantarum* 92:356-363), presented one possible causative mechanism for the crop formation process, and the continuing field and laboratory data obtained since that time continue to support this theory. The affected plants reveal evidence of exposure to rapid air movement, unusual electrical fields, very brief exposure to extreme heat, and ionisation in a thermodynamically unstable system; one naturally occurring atmospheric force which includes each of these features is an ion plasma vortex - one very 'high energy' example of which is a lightning discharge.

Plasma Vortex

Ion plasma vortices probably form in unstable regions of the upper atmosphere, due to an energy exchange between the ionosphere and electrical storms. Once formed, these highly charged plasmas form into vortices--rotating, whirlwind like systems - which are then drawn to earth and shaped by variations in the Earth's magnetic field. And, although it is difficult for most people to easily imagine, it is entirely possible for such vortices to produce an enormous array of complex symmetrical and non-symmetrical patterns upon impact at the Earth's surface. It should be noted that our research indicates that non-geometric 'randomly-downed' areas of crop, sometimes associated with the more symmetrical designs and sometimes found by themselves, exhibit the same alterations to plant tissues as those observed in the dramatic patterns, suggesting the same causative agency at work. Much of what farmers have called 'lodging' in the past, attributing this downed crop to a combination of over-fertilisation and subsequent weather damage, is instead an additional aspect of the crop circle phenomenon which is generally unrecognised.

It should also be pointed out that intricate and varied designs are abundant in Nature. They are so common that most of us don't even notice them; they are also most often observed by people on a relatively small scale. Think, for example, of snowflakes--their amazing variety and delicacy of pat-

'Squaring the Circles'

Continuing our regular feature by top 'crop circle' researcher Nancy Talbot of the BLT research team in Cambridge MA...

tern. If snowflakes were considerably larger than they are we would surely be as astounded by them as we often are by the crop formations.

Given the accumulated scientific data which currently exists regarding the crop circle phenomenon we feel that the most logical causative mechanism--the explanation that most closely fits the known hard data collected so far is the theory that highly charged, thermodynamically unstable ion plasma vortices are responsible. Microwave radiation is known to be associated with ionised plasmas and microwaves, of course, emit very intense bursts of heat; and many of the documented physical changes to the formation plants are consistent with this fact. Add to the presence of microwave radiation the effects of an electrophoretic component functioning within the framework of a kinetic, oscillating system which is also thermodynamically unstable and you have a solidly based description of an energetic system which can account for the documented alterations to crop formation plants, the various design and random patterning, as well as the changes observed in soil samples to-date (see Levengood, Wm.C. and Burke, J., *Semi Molten Metepic Iron Associated with a Crop Formation*, *J. Sci. Exploration* (9:2), pp. 191-199 (1995).

Why and how these turbulent, energetic plasma systems form--what possible modifications, alterations or changes in Earth's upper atmosphere, or perhaps some other triggering mechanism--remains unknown. Perhaps recent loss of ozone, or alterations in the atmosphere caused by air pollution, or even modifications in the environment related to increased technological development and application may eventually be found to be responsible. Whatever the originating factor or factors is eventually determined to be, the fact remains that more than 90% of the formations meticulously investigated by this group of researchers reveal anomalies in the affected plants and soil which are consistent with these materials having been exposed to an energetic system as described above. Approximately 10% of the events studied do not show these changes, and are suspected to be the result of direct human intervention.

Readers interested in obtaining copies of the pertinent published scientific material, colour photo-sheets of laboratory findings, and other information on this research should contact:

Nancy Talbott
BLT Research Team
Box 127
Cambridge, MA 02140 (USA)
phone: 617/492-0415
fax: 617/492-1414

Two more papers are in progress for publication in 1997 and they will also be available through this office once published.

Individuals interested in participating in field-sampling should also contact Nancy Talbott, at the above address. Our spotting & field-sampling network increases each season as the phenomenon continues to expand, and we're grateful for assistance.



Life On Europa?



The famous 28" refractor at the Old Royal Observatory, Greenwich pointed towards the bright star-like point of the giant planet Jupiter. Jupiter is over five times further from the Sun than the Earth. Photo: M.J. Heath

Can Europa support life?

The question of whether Europa has a biosphere has remained unanswered. The purpose of the San Juan Capistrano conference, which the Institute sponsored in collaboration with the NASA Exobiology Program and the NSF Ocean Sciences Programme, was to get together oceanographers and planetary geologists to examine the evidence for a European ocean, and to look at the kinds of organisms and sea floor environments available for study on Earth, which might tell us something about the chances for life on Europa. Most participants concentrated on what was known about bacteria, which include the most robust organisms on Earth.

My own interest in this area grew out of some of the sidelines being explored by the Biospheres Project. The main focus of the Project is the development of new models for planetary habitability for advanced organisms. My principal co-worker is Laurance Doyle at the NASA Ames Research Center, an astrophysicist who is a Principle Investigator with the SETI Institute. Although we are concerned with insights into planetary habitability which might tell us something about the chances for the search for

extraterrestrial intelligence, we are far from uninterested in biospheres that have not advanced beyond bacterial level. Bacterial biospheres are also of interest to us because the types of cell that we have in our bodies (the nucleus-containing 'eukaryotic' cells) appear to have developed by bacterial grade ('prokaryotic') cells coming together in a form of symbiosis. Thanks to this, once free-living bacteria became the separate little factories (or 'organelles') found in our cells. And, of course, the discovery of any biosphere whatsoever outside the Earth would be a scientific bombshell.

It has been understood for some time that bacteria exist at depths of kilometres within the Earth. They may exploit minute pores in rocks down to depths where the temperature becomes too great for the most heat-loving organisms, perhaps around 110 celsius — some 7 kilometres below the ocean floor and 4 kilometres below the surface of the continents. In October, 1995, two researchers at the Pacific Northwest Laboratory, Washington, T.O. Stevens and J.P. McKinley, made an exciting and controversial claim that they had discovered bacteria that could live deep inside the Earth, quite independently of the Sun, or of biological products put into the foodchain by organisms that lived above in the sunlight. The new type of bacteria had been discovered in rock samples brought up in cores from deep underground in the Miocene age Columbia River Basalt. Laboratory studies indicated that the bacteria were living off hydrogen which was produced by non-biological reactions between percolating groundwaters and iron-bearing silicate minerals in the basalt. Ferrous iron is oxidised by the water, releasing hydrogen, which bacteria can then combine with dissolved carbon dioxide, to produce methane. This would make the organisms autotrophs, that is, lifeforms which, like photosynthetic organisms, do not have to eat others to live, but can exploit natural sources of energy to drive their metabolism.

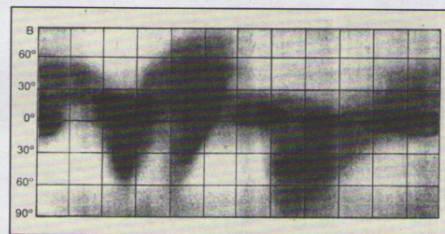
SLiME everywhere

The bacteria and those living off them constitute what are known as 'SLiMEs.' The acronym stands for Subsurface Lithoautotrophic Microbial Ecosystems. Of particular interest is the fact that whilst there have been many studies of bacteria that live around hot water vents, SLiMEs appear to be able to establish themselves where temperatures are merely warm enough for fractures and pores in the rock to contain liquid water.

Stevens and McKinley noted that SLiMEs might have something to tell us about how life could have survived on Earth before bacteria evolved the ability to carry out photosynthesis, as well as the possibility of life on early Mars. Laurance Doyle and myself wrote a brief paper expanding upon the possible range of astronomical bodies which could support SLiMEs, supposing that they existed. Provided that SLiMEs really exist, and that there had been time for life to develop there in the first place, and provided that life could evolve rapidly into SLiMEs (some researchers might consider this chain of assump-

tions far-fetched), the range of bodies that could support life could be so great that it seemed rather gratuitous to elaborate on the theme. We offered some examples, however, emphasising situations in which geothermally active worlds might exist far outside what is normally regarded as the habitable zones around stars. Amongst these were tidally heated satellites like Europa, and planets of the kind envisaged by J.G. Hills in a 1984 paper, which had been ejected from unstable binary and multiple star systems into deep space.

The possibility of planets being ejected into high eccentricity orbits, or into interstellar space has arisen in work by researchers at the Massachusetts Institute of Technology, on the origins of extrasolar planetary systems that was published just this November. It might turn out that there are geologically active planets hurled far out into interstellar space, beneath whose deathly cold exteriors lie hydrothermal vents, wet



Smudgy clues to an alien landscape.

Astronomers at the Picture du Midi Observatory in France, produced charts of the Galileans based on telescopic studies

crusts and very healthy microbial biospheres — but that is another story.

The question which I took to the Europa Ocean Conference was this; if there are organisms

EUROPA FACTS

Distance from Jupiter:
671,000 km

Orbital Period:
3.55 days

Diameter: 3138 km

Mass: 4.87×10^{25} g
(66% the mass of our Moon; 0.8% the mass of earth)

Density: 3.04 g/cm^3

living somewhere beneath the ice of Europa, where might they be found, and could either they, their remains, or distinctive metabolic products be reaching the surface, where space probes could sample them relatively easily? As I told my students, I expected to return from the Conference with rather different ideas about Europa than I arrived with. I was not going to be disappointed.

The Biospheres Project was initiated by Dr Martin Heath, and is chaired by Dr Laurance Doyle. It operates in relation to a programme for public education in astronomy run by Greenwich Community College, Corelli Rd, London SE3 8EP

GALILEAN SATELLITES

Io: 422,000 km from Jupiter;
Diameter 3630 km

Europa: 671,000 km from Jupiter;
Diameter 3138 km.

Ganymede: 1,070,000 km from Jupiter;
diameter 4800 km

Callisto: 1,880,000 km from Jupiter;
diameter 5262 km

85770-096-1. Alternatively contact the publishers SB Publications direct who will be more than happy to supply you a copy for £7.95 including postage and packaging. SB Publications can be contacted on: (01323)-490222 or write to: SB Publications, 19 Grove Road, Seaford, East Sussex, BN25 1TP.

Phantasm Magic

The company Phantasm Magic can justifiably claim to be one of the largest suppliers of Esoteric and related phenomena books in the country stocking over 13,000 books! These include Alchemy, Analysis of Character, Analysis of Dreams, Analysis of Handwriting, Ancient Science, Ancient Wisdom, Angels, Anti Gravity, Free Energy, Astral Projection, Astrology, Auras, Cards, Commander X, Conspiracy, Crowleyana, Crytozoology, Crystals, Death/ Near Death Experiences, Reincarnation, Esoteric Science, Extraterrestrial Archaeology, Fantasy Magic Games, Feng Shui, Rare Esoteric reprints, Ghosts, Hauntings, Holistic Medicine, Herbal Medicine, Hermetics, Human Consciousness, Spiritual Development, Inspirational Studies, Hypnosis, I Ching, Lost Cities, Meditation, Mysticism, Yoga, Millennium Studies, Montauk- Inter dimensional Studies, Mystic Traveller, Mythology, New Age Fiction, Poetry, Numerology, Palmistry, Pan-American Indian Studies and Shamanism, Parapsychology, Physic Studies, Sexology, Spontaneous Combustion, Buckeroo, Blavatsky, Point Loma Studies, Unexplained mysteries, Speculative Science, Vampirism, Rosicrucianism, Graphology, Kabbala, Christian Mysticism, Golden Dawn, Knights Templar, Druids, Celtic Lore, Pendulums, Chakra Therapy, Tarot, Lost Cities, Architecture, Astronomy, Baconian, Bible Study, Biography, Boehme, Comparative Religions, Divination, Eastern Thought, Egyptology, Esoterism, Gnosticism, Mathematics, Metaphysical, Mystery Schools, Philosophy, Pyramids, Qabalah, Symbolism and of course UNIDENTIFIED FLYING OBJECTS!

Phantasm Magic can be contacted on: (01424)-755129 or write to: Phantasm Magic, 15 Hare Way, St Leonards On Sea, East Sussex, TN37 7UG. They can accept payment by Cheque, Postal Orders, or Credit card. For an extensive catalogue send £2.50 which is refundable on the first order.

Sceptic convinced by UFO sighting!

A UFO was sighted in the early hours of August 24th in Norwich by Raymond Evans on the Heartsease Estate. Whilst observing the motionless light in the sky which was said to be six times brighter than a normal star with a humming sound emanating from it. Mr Evans said, "I was in two minds about whether UFOs exist but now I believe in them now". The light has yet to be explained and it is

understood the a local UFO group are investigating the sighting.

NUFORUM

The Northants UFO Forum is a non-profit making independent group serving Northampton and the surrounding area. All meetings are held on the first Wednesday of every month at the Friends Meeting House, Wellington Street, Northampton with meetings running from 7.30pm to 10.30pm. Videos are available for hire from the meeting for £2 and the admission to the meeting is £2.

I have also been informed that the group also holds sky watches and most of all the 'Wiltshire week' where eye witnesses experienced crop-circles being formed!

The group welcome reports of sightings and all sightings are confidential.

It is the main aim of the group is to provide a forum where anyone can be helped to find their own understanding of UFO's.

For further information contact the Chairwoman and secretary Diane Shepherd on: (01604)-756153 or write to: 108 Malcolm Drive, Northampton, NN5 5NH.

UFORIA

The company UFORIA are now supplying a range of high quality books, videos and merchandise, these include the book of the Montauk project which details the highly classified projects following the Philadelphia project. The Montauk Project and Montauk Revisited supply stunning evidence to the reality of these projects and cost £14.50 and £18.50 respectively. UFORIA also sell the book Strange Encounters, Ultimate Deception, Underground Bases, and Roswell UFO Crash Update and detail the ongoing Government cover-up. UFORIA also supply a small range of UFO videos including Messengers of Destiny which follows the prediction of Mayan priests who in 755 A.D. predicted the solar eclipse of July 11, 1991 which would herald two world altering events. On July 11 the prophecy came to be when the biggest wave of UFO sightings occurred. This is one of the best UFO videos ever to be released but does cost £21.99. UFORIA are also selling a range of die cast models including the diorama of the Roswell and Corona crash sites for £48.50.

For a free catalogue which mentions all these products telephone/fax UFORIA on: (01749)-890257. Or alternatively write to UFORIA at: Hearne House, North Wootton, Shepton Mallet, Somerset, BA4 4HW.

Cereallogist

The specialist Crop Circle magazine, currently the largest of its type has had a change of staff with George Wingfield and John Sayer now editing the magazine with a wide array of writers. The design of the maga-

zine has been radically improved and looks extremely professional with high gloss paper, easy to read text and a good use of photographs.

For a subscription for this magazine which is published three times a year send £10 (UK) for a annual subscription. Overseas subscriptions are for Europe £12 and £15 (\$25) from the rest of the world. All cheques must be made payable to: "The Cereallogist" and sent to: The Cereallogist, PO Box 1577, Andover, Hants, SP11 7BA.

George Wingfield is available on his e-mail address: MOMUS@uk.pipeline.com. John Sayer e-mail address is: johnute@andover.co.uk. The Cereallogist has its own web page as well on: http://alpha.mic.dundee.ac.uk.uk/ft/crop_circles/anasazi/page12.html.

M.A.R.A

The Merseyside Anomalies Research Association is a rapidly expanding group who are looking for new members and contacts anywhere in the World. The group was founded in February this year by head researchers coordinators Anthony Eccles and Mark Glover. The group has a impressive array of researchers with Anthony Eccles a accredited BUFORA researcher and Mark Glover, a post graduate student in psychology and also a accredited researcher of BUFORA.

The group is actively researching into all kinds of paranormal phenomena within the Merseyside region and in certain circumstances further afield. The group welcomes all reports and has a well balanced methodical approach to the subject and all witnesses will be treated in a serious manner.

M.A.R.A even has a spot on local radio with the Billy Butler show and has strong support from local press.

For further information contact M.A.R.A on: (0151)-4866087 or on (0151)-4760356. Alternatively write to: The Merseyside Anomalies Research Association, 52 Hawthorne Avenue, Halewood, Liverpool, L26 9XD.

C.U.F.O.G

The Cambridge UFO Group has several forthcoming meetings in the near future on January 10th, February 14th and March 14th. The group has had several successful meetings recently including the Research Evening and a talk by BUFORA's Robert Digby on UFO Photographs although he did strike me as a bit of a sceptic at times. All meetings are held on the second Friday of each month in the Family Room at the Unicorn Pub, Church Lane, Trumpington, Cambridge. Meetings generally start at 8pm and finish around 10.30. For further information contact the Chairman, Steve Gamble on: (01223)-832902 or write to C.U.F.O.G, 122 New Road, Sawston, Cambridgeshire, CB2 4BW.